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CENSUS OF MANUFACTURES

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PUERTO RICO

Census of Manufactures

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ACKNOWLEDGEMENTS

The 1954 Puerto Rico Census of Manufactures, was undertaken jointly by the Puerto Rico Planning Board, Government of the Commonwealth of Puerto Rico, and the United States Bureau of the Census. Primary operating responsibility for the Census was assigned to the Field Division of the Bureau of the Census. The Industry Division of the Bureau was responsible for the technical and review functions. Furthermore, several officials of the Commonwealth had major parts in the planning and carrying out of the operations.

Among the officials of Puerto Rico actively involved in this Census were the following: Robert L. Sammons, Director, Division of Statistics, Puerto Rico Planning Board, who supervised all arrangements and acted as technical consultant in connection with this Census for the Commonwealth of Puerto Rico; and Felix Mejias, Economic Stabilization Agency, who was the consultant on administrative matters. Among the members of Mr. Sammons' staff who assisted in this Census were Edna T. Ranck, technical assistant, and Carmina Fernandez, tabulation assistant.

In the Bureau of the Census, the primary operating responsibility for the Census was in the Field Division, of which Jack B. Robertson was Chief until October 17, 1955, and Robert B. Voight subsequent to that date. Joel Williams was directly in charge of activities performed in the Washington office. The field operations were conducted by Horacio M. Royo, Census Field Supervisor, from the Census Field Office in San Juan.

In addition to the Census Bureau staff members mentioned previously, special recognition should be given to the contribution of Harold T. Goldstein, Office of the Assistant Director for Statistical Standards, for his work on classification and editing problems; Maxwell R. Conklin, Chief of the Industry Division; Murray D. Dessel, Chief of the Economic Planning and Analysis Branch, and Arthur W. Horowitz, of that Division, for their review of report form, instructions, procedures, tabulation plans, and final publication. Iris C. Chapel, of the Office of the Coordinator of International Statistics, translated the forms and instructions into Spanish.

RECONOCIMIENTO

El Censo de Manufacturas de 1954 se llevo a cabo conjuntamente por la Junta de Planificación del Gobierno del Estado Libre Asociado de Puerto Rico y el Negociado del Censo de Los Estados Unidos. La responsabilidad principal de este censo recayó en la División de Campo del Negociado del Censo. La División de Industrias del Negociado del Censo fué responsable de las funciones técnicas y de revisión. Además, algunos funcionarios del Estado Libre Asociado desempeñaron una parte importante al planear y llevar a cabo las operaciones del censo.

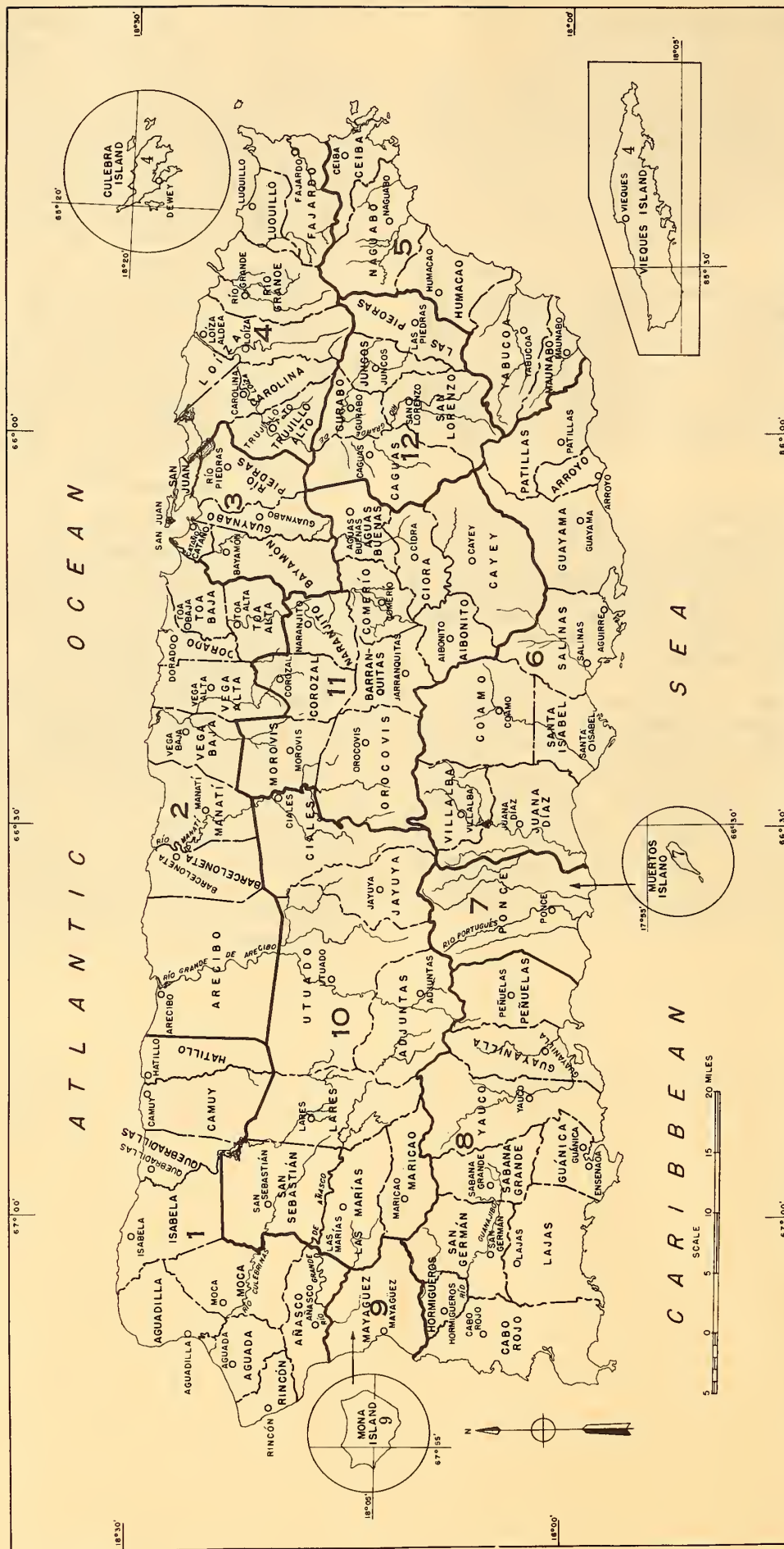
Entre los funcionarios de Puerto Rico que tuvieron una participación activa en este censo están los siguientes: El Sr. Robert L. Sammons, Director de la División de Estadísticas, Junta de Planificación de Puerto Rico, quien supervisó todos los preparativos y actuó como consultor técnico para el Estado Libre Asociado de Puerto Rico en lo relacionado a este censo; y el Sr. Félix Mejías, de la Administración de Estabilización Económica quien fue el consultor en lo relacionado a cuestiones administrativas. Entre el personal que ayudó al Sr. Sammons en este censo están la Sra. Edna T. de Ranck, asistente y la Srta. Carmina Fernández, asistente de tabulación.

En el Negociado del Censo, la responsabilidad principal en cuanto a la operación del censo recayó en la División de Campo, bajo la dirección del Sr. Jack B. Robertson, Jefe de esta hasta el 17 de octubre de 1955, y del Sr. Robert B. Voight, el actual jefe. El Sr. Joel Williams fué directamente responsable de las actividades llevadas a cabo en la oficina de Washington. Las actividades de campo estuvieron a cargo del Sr. Horacio M. Royo, Supervisor de la Oficina de Campo del Negociado del Censo en San Juan.

Además de los miembros del Negociado del Censo anteriormente mencionados, debe darsele especial reconocimiento a la contribución del Sr. Harold T. Goldstein, de la Oficina del Ayudante del Director de Normas Estadísticas, por su trabajo sobre problemas de revisión y clasificación, el Sr. Maxwell R. Conklin, Jefe de la División de Industrias, El Sr. Murray D. Dessel, Jefe de la Rama de Análisis y Planeamiento Económico y el Sr. Arthur W. Horowitz, de esa misma división, por sus revisiones de los cuestionarios censales, instrucciones, procedimientos, planes sobre tabulación y publicación final. Iris C. Chapel, de la Oficina del Coordinador de Estadística Internacional, prestó su ayuda en el trabajo de y revisión en español.

PUERTO RICO

DIVISIÓN GEOGRÁFICA, MUNICIPALIDADES, CIUDADES Y PUEBLOS—GEOGRAPHIC DIVISIONS, MUNICIPALITIES, CITIES, AND TOWNS



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| 2 NORTH CENTRAL COAST | 5 EAST COAST | 8 SOUTHWEST COAST | 11 EAST CENTRAL HIGHLANDS |
| 3 METROPOLITAN SAN JUAN | 6 SOUTHEAST COAST | 9 METROPOLITAN MAYAGÜEZ | 12 CAGUAS VALLEY |

CONTENTS

	Page
Introduction:	
1. Historical Note.....	VII
2. Area and Period Covered.....	VII
3. Completeness of Coverage.....	VII
4. The Canvass and Compilation of Statistics.....	VIII
5. Types of Establishments Covered in the Census.....	VIII
6. Comparison of Census Data with Other Figures.....	IX
7. Comparability with Earlier Censuses.....	X
8. Industry Classification.....	X
9. Groups of Industries.....	XI
10. Geographic Distribution.....	XI
11. Confidentiality of Data.....	XI
12. The Census Report Form.....	XII

Explanation of terms.....	XII
---------------------------	-----

SUMMARY STATISTICS

Table	
1 General statistics for Puerto Rico: 1954 and earlier years...	2
2 General statistics for Puerto Rico, by regions and standard metropolitan areas: 1954 and 1949.....	2
3 General statistics for manufacturing establishments, classified by employment size, for Puerto Rico: 1954 and 1949.....	3
4 General statistics for manufacturing establishments, classified by value added by manufacture, for Puerto Rico: 1954 and 1949.....	3
5 General statistics for Puerto Rico, by major industry group: 1954 and 1949.....	4
6 Manufacturing employment and payrolls, by major industry group, for Puerto Rico: 1954.....	5
7 General statistics for Puerto Rico, by form of organization: 1954 and 1949.....	5
8 General statistics for Puerto Rico, by year establishment began operations: 1954.....	6
9 General statistics for Puerto Rico, by tax status of establishment: 1954.....	6

INDUSTRY STATISTICS

1 Number of establishments, employment and payroll, and value added by manufacture, for industry groups and industries in Puerto Rico: 1954, 1952, and 1949 (dollar figures in thousands. See introduction for explanation of column captions).....	8
2 Value of shipments and cost of materials, for selected industries in Puerto Rico: 1954 and 1949 (dollar figures in thousands. See introduction for explanation of column captions).....	18
3 Value of products sold and contract receipts, by product, for Puerto Rico: 1954 and 1949.....	20
4 Destination of products sold and source of contract receipts, for selected industries in Puerto Rico: 1954.....	22
5 General statistics for Puerto Rico, by form of organization, for major industry groups: 1954 and 1949.....	23
6 Selected statistics for manufacturing establishments classified by employment size, for industry groups and specified industries in Puerto Rico: 1954.....	25
7 Value of manufacturers' inventories held by establishments with 10 employees or more, for industry groups and selected industries in Puerto Rico: end of year, 1954 and 1953.....	28
8 Expenditures for plant and equipment by establishments with 10 employees or more, for industry groups and selected industries in Puerto Rico: 1954.....	30

CONTENIDO

	Página
Introducción:	
1. Apuntes Historicos.....	VII
2. Area y Período Cubiertos.....	VII
3. Obtención de un Censo Completo.....	VII
4. Recolección y Compilación de las Estadísticas....	VIII
5. Clases de Establecimientos Cubiertos en Este Censo.....	VIII
6. Comparabilidad de los Datos sobre Establecimientos Manufacteros con otras Cifras.....	IX
7. Comparabilidad con Censos Anteriores.....	X
8. Clasificación de Industrias.....	X
9. Grupos de Industrias.....	XI
10. Distribución Geográfica.....	XI
11. Divulgación de Datos sobre Compañías Individuales	XI
12. El Cuestionario Censal.....	XII

Explicación de los terminos usados.....	XII
---	-----

ESTADÍSTICAS GENERALES

Tabla	
1 Estadísticas generales para Puerto Rico: 1954 y Años anteriores.....	2
2 Estadísticas generales para Puerto Rico, por regiones y áreas metropolitanas: 1954 y 1949.....	2
3 Estadísticas generales para establecimientos manufactureros, clasificados por empleo, para Puerto Rico: 1954 y 1949.....	3
4 Estadísticas generales para establecimientos manufactureros, clasificados por valor agregado por la manufactura, para Puerto Rico: 1954 y 1949.....	3
5 Estadísticas generales para Puerto Rico, por grupo principal de industrias: 1954 y 1949.....	4
6 Empleo en industrias manufactureras, y nominas, por grupo principal de industrias, para Puerto Rico: 1954.	5
7 Estadísticas generales para Puerto Rico, por clase de organización: 1954 y 1949.....	5
8 Estadísticas generales para Puerto Rico, por año en que el establecimiento empezó sus operaciones: 1954.....	6
9 Estadísticas generales para Puerto Rico, por tipo de impuestos pagados por el establecimiento: 1954.....	6

ESTADÍSTICAS INDUSTRIALES

1 Numero de establecimientos, empleo y nomina, y valor agregado por la manufactura, por grupos de industrias e industrias en Puerto Rico: 1954, 1952, y 1949 (en miles de dólares. Véase la introducción para la explicación de los encabezamientos de columnas).....	8
2 Valor de las ventas y costo de materiales, para industrias seleccionadas en Puerto Rico: 1954 y 1949 (en miles de dólares. Véase introducción para la explicación de los encabezamientos de columnas).....	18
3 Valor de los productos vendidos e ingresos por contratos de trabajo, por productos, para Puerto Rico: 1954 y 1949.....	20
4 Destino de los productos vendidos y fuentes de ingresos por contratos de trabajo, para industrias seleccionadas en Puerto Rico: 1954.....	22
5 Estadísticas generales para Puerto Rico, por clase de organización, por grupos principales de industrias: 1954 y 1949.....	23
6 Estadísticas seleccionadas para establecimientos manufactureros clasificados por numero de empleados, para grupos de industrias e industrias específicas en Puerto Rico: 1954.....	25
7 Valor de los inventarios de establecimientos con 10 empleados o más, por grupos de industrias e industrias seleccionadas en Puerto Rico: fin de año, 1954 y 1953.	28
8 Gastos de capital por establecimientos con 10 empleados o más, por grupos de industrias e industrias seleccionadas, en Puerto Rico: 1954.....	30

	<u>Page</u>		<u>Página</u>
<u>Table</u>		<u>Tabla</u>	
9 Number of production workers by selected months, for industry groups and selected industries in Puerto Rico: 1954.....	32	9 Número de obreros de producción por meses seleccionados, por grupos de industrias e industrias seleccionadas en Puerto Rico: 1954.....	32
10 Selected statistics for Puerto Rico, by year establishment began operations and major industry group: 1954.....	34	10 Estadísticas seleccionadas para Puerto Rico, por año en que el establecimiento comenzó sus operaciones y por grupos principales de industrias: 1954.....	34
11 Number of establishments in Puerto Rico, by year establishment began operations and industry: 1954.....	35	11 Número de establecimientos en Puerto Rico, por año en que el establecimiento comenzó sus operaciones y por industria: 1954.....	35
AREA STATISTICS		ESTADÍSTICAS PARA AREAS	
1 General statistics by regions and municipalities: 1954.....	40	1 Estadísticas generales por regiones y municipios: 1954.	40
2 Number of establishments, by employment size group and major industry group, by regions and municipalities: 1954.....	42	2 Número de establecimientos, por empleo y grupo principal de industria, por regiones y municipios: 1954.....	41
3 Selected statistics by employment size of establishment, by regions and standard metropolitan areas: 1954.....	47	3 Estadísticas seleccionadas por número de empleados del establecimiento, por regiones y áreas metropolitanas: 1954.....	47
4 Value of inventories and capital expenditures of establishments with 10 employees or more, by major industry group, for standard metropolitan areas: 1954.....	48	4 Valor de los inventarios e inversiones de capital de establecimientos con 10 empleados o más, por grupos principales de industrias, para áreas metropolitanas: 1954.....	48
5 Number of establishments, by year establishment began operation, for municipalities: 1954.....	48	5 Número de establecimientos, por año en que el establecimiento comenzó sus operaciones, por municipios: 1954	48
TAX-EXEMPT INDUSTRIES		INDUSTRIAS EXENTAS DE IMPUESTOS	
1 General statistics for tax-exempt industries in Puerto Rico, by major industry group: 1954.....	52	1 Estadísticas generales para industrias exentas de impuestos en Puerto Rico, por grupos principales de industrias: 1954.....	52
2 Value of shipments and market for products or source of receipts, by major industry group, for all establishments and for tax-exempt establishments in Puerto Rico: 1954.....	52	2 Valor de las ventas y mercados para los productos o fuentes de ingresos, por grupos principales de industrias, para todos los establecimientos y para establecimientos exentos de impuestos en Puerto Rico: 1954.....	52
3 Value of shipments for tax-exempt establishments in Puerto Rico, by product group: 1954.....	53	3 Valor de las ventas para establecimientos exentos de impuestos en Puerto Rico, por grupos de productos: 1954.....	53
4 Number of tax-exempt establishments in Puerto Rico, by year establishment began operations and major industry group: 1954.....	53	4 Número de establecimientos exentos de impuestos en Puerto Rico, por año en que el establecimiento comenzó sus operaciones y por grupos principales de industrias: 1954.....	53
<u>Appendix</u>		<u>Apéndice</u>	
A Law.....	56	A Ley.....	56
B Report Form.....	62	B Formulario de Informe.....	62
C Industry Groups and Industries.....	78	C Industrias y Grupos de Industrias.....	78

INTRODUCTION

1. Historical Note

The 1954 Puerto Rico Census of Manufactures was undertaken jointly by the Puerto Rico Planning Board, Government of the Commonwealth of Puerto Rico, and the United States Bureau of the Census. The 1954 Census represents the sixth canvass of manufacturing activities in Puerto Rico since the Island came under the jurisdiction of the United States. The first Census of Manufactures covered the year 1909 and a census was taken at 10-year intervals thereafter, except for the year 1929. In 1952, a Census of Manufactures with a more limited coverage was conducted by the Government of Puerto Rico. The 1954 Census was authorized by an Act of the Congress of the United States (13 U.S.C. 131) and an Act of the Legislature of Puerto Rico (No. 11 of March 27, 1950). (See Appendix A.)

2. Area and Period Covered

The 1954 Census of Manufactures covered manufacturing activity during the calendar year 1954 in the seventy-seven municipalities into which Puerto Rico is divided. Reports were obtained on a calendar-year basis from the great majority of manufacturers in all industry groups. In the relatively small number of cases where individual reports were accepted on a fiscal-year basis, the manufacturer was required to report employment and payroll data on a calendar-year basis. Because the year 1954 and the months immediately preceding and following that year constituted a period of sustained high activity in most industries, the comparability of production with employment of value added by manufacture with wages is not appreciably affected by the fact that in some instances the value of shipment was reported for a 12-month period different from the calendar year.

3. Completeness of Coverage

In 1954, the Puerto Rico Planning Board prepared a master file of manufacturing establishments on the basis of the 1952 Census of Manufactures and brought it up to date with information obtained from the Commonwealth Department of Labor, the Economic Development Administration, the Manufacturers' Association, and other sources. This original list was supplemented in the following ways:

a. Matching against the master file of the Bureau of Old Age and Survivors Insurance of the Social Security Administration.

b. Locating additional manufacturing establishments in conjunction with the enumeration of the 1954 Census of Business, which was taken concurrently. Establishments whose activities did not come within the scope of manufacturing were deleted; also establishments with no paid employees were excluded from the Census. Some establishments had gone out of business prior to 1954; and still others began operations in 1955. The final count of manufacturing establishments covered in the 1954 Census was 1,938.

As a result of the above procedures, it is believed that no large manufacturing establishment and no significant aggregate of small establishments were omitted.

INTRODUCCION

1. Apuntes Historicos

El Censo de Manufacturas de Puerto Rico de 1954 se llevo a cabo, conjuntamente, por la Junta de Planificación del Gobierno del Estado Libre Asociado de Puerto Rico, y el Negociado del Censo de los Estados Unidos. El censo de 1954 representa la sexta encuesta general de las actividades manufactureras en Puerto Rico desde que la Isla pasó a formar parte de los Estados Unidos. El primer Censo de Manufacturas se llevó a cabo en el año 1909 y a partir de esa fecha se tomaron censos cada 10 años, con excepción del año 1929. En 1952, el Gobierno de Puerto Rico llevo a cabo un Censo de Manufacturas pero de un alcance más limitado. El censo de 1954 fué autorizado por una Ley del Congreso de los Estados Unidos (13 U.S.C. 131) y por una Ley de la Legislatura de Puerto Rico (Núm. 11, 27 de marzo de 1950). (Véase Apéndice A.)

2. Area y Período Cubiertos

El Censo de Manufacturas de 1954 cubrió las actividades manufactureras efectuadas durante el 1954 en los 77 municipios en que está dividido Puerto Rico. La mayoría de los manufactureros rindieron la información a base del año calendario, que era como se pedía preferentemente. Hubo un número de casos relativamente pequeño en que se les permitió a los industriales que dieran la información cubriendo el año fiscal, sin embargo, aun así se les pidió que los datos sobre empleo y nóminas de pago estuvieran basados en el año calendario. En vista de que el 1954 y los meses inmediatamente anteriores y posteriores a este año fueron de gran actividad en la mayoría de las industrias, la comparabilidad entre la producción y mano de obra, o sea el valor agregado por la manufactura incluyendo los salarios, no se afecta sustancialmente por el hecho de que en algunos casos el valor de los productos vendidos informado correspondiera aun período de 12 meses diferente del año natural.

3. Obtención de un Censo Completo

En 1954 la Junta de Planificación de Puerto Rico preparó una lista de control de los establecimientos manufactureros basada en el Censo de Manufacturas de 1952 y la puso al día con información obtenida del Departamento del Trabajo de Puerto Rico, la Administración de Fomento Económico, la Asociación de Industriales y otras fuentes. Esta lista original fué completada de la siguiente manera:

a. Se comparó con el archivo de control del Negociado del Seguro de la Vejez y Supervivencia de la Administración de Seguro Social Federal.

b. Se localizaron establecimientos manufactureros adicionales al llevar a cabo el Censo de Negocios de 1954 que se tomó junto con el Censo de Manufacturas. Por otro lado, fué preciso omitir algunos establecimientos incluidos en la lista original, ya que de acuerdo con sus actividades no caían dentro de la clasificación de manufactura; y también se excluyeron los que no tenían empleados con paga. Algunos establecimientos incluidos en estas listas habían cesado de operar antes de 1954 y otros empezaron sus operaciones en 1955. El recuento final de establecimientos manufactureros cubiertos por el Censo de 1954 fué de 1938.

Como resultado de los procedimientos mencionados, se estima que no se ha excluido ningún establecimiento manufacturero de los mayores, ni un número significativo de los pequeños.

4. The Canvass and Compilation of Statistics

Although the 1954 Census report forms were distributed and, for the most part, returned by mail, manufacturers who did not send in a report or whose reports were incomplete or otherwise inadequate were reached by telephone or personal visit from the Census Field Office in San Juan.

The forms were mailed during late February and early March of 1955. Reports were due within 30 days of receipt by the establishment. By the end of June, over 95 percent of them had been received; but some few reports were not received until August. For some plants, especially in the apparel industry, reports were obtained from the parent companies in continental United States.

In a very few instances where the establishment ceased operations during or after 1954 and the owner could not be located or where a report was unobtainable for other reasons, partly estimated data were used. In these cases, as much pertinent data as possible were obtained from other agencies of the Puerto Rican Government and the remaining data were estimated on the basis of industry averages. However, these estimates represented not more than one percent of the establishments and only a fraction of one percent of the value added by manufacture.

The mailing, collection, follow-up, editing, and coding of the reports were carried out in the San Juan Field Office of the U. S. Bureau of the Census, with technical assistance provided by employees of the Puerto Rico Planning Board who were appointed as special Census agents. The punch cards were prepared by other employees of the Puerto Rico Planning Board who were also special agents. The tabulation of the cards and preparation of tables and text in this publication were performed in the U. S. Bureau of the Census in Washington.

5. Types of Establishments Covered in the Census

The 1954 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the Standard Industrial Classification Manual, Volume I, "Manufacturing Industries," 1954 edition, as amended by the U. S. Bureau of the Budget.

The Standard Industrial Classification Manual describes manufacturing establishments as those engaged in the mechanical or chemical transformation of inorganic or organic substances into new products. These activities are usually carried on in plants, factories, or mills.

Manufacturing production is usually carried on for the wholesale market, for interplant transfer within the company, or to order of industrial users, rather than for direct sale to the household consumer. Some manufacturers in a few industries, however, sell chiefly at retail to domestic consumers through the mail, through house-to-house routes, or through salesmen.

The following types of processing activities, which may be regarded by some as manufacturing, are in fact defined as nonmanufacturing by the Standard Industrial Classification and are, therefore, excluded from the Census of Manufactures:

a. Processing on farms if the raw materials are grown on the farms and if the manufacturing activities are on a small scale without extensive use of paid labor. Also custom milling and similar activities. In the tobacco stemming and redrying industry in Puerto Rico, it is a practice of the larger companies to allow the individual growers to

4. Recoleccion y Compilacion de las Estadísticas

Aunque los cuestionarios para el censo de 1954 fueron distribuidos y en su mayor parte devueltos por correo, a los manufactureros que no enviaron la información a tiempo, o que la enviaron incompleta o defectuosa, se les llamó por teléfono o fueron entrevistados por un empleado de la Oficina del Censo en San Juan.

Los cuestionarios fueron enviados por correo a fines de febrero y principios de marzo de 1955. Debían ser devueltos 30 días después de haber sido recibidos por los industriales. Para fines de junio se había recibido ya un 95% de los mismos; sin embargo, hubo algunos que no se recibieron hasta agosto. Para algunos establecimientos, especialmente los pertenecientes a la industria de la aguja, los datos se obtuvieron de las casas matrices localizadas en Estados Unidos.

En aquellos pocos casos en que el establecimiento dejó de operar durante 1954 o después, y no fue posible encontrar al dueño o cuando no se pudo obtener información por otras razones, se usaron datos estimados. En estos casos la mayor cantidad posible de datos se obtuvo de otras agencias del Gobierno de Puerto Rico y los restantes fueron estimados a base de promedios calculados para la industria en cuestión. No obstante, estos cálculos se hicieron en no más del uno por ciento de los establecimientos y representaron sólo una fracción del uno por ciento del valor agregado por la manufactura.

El envío por correo y recolección así como las entrevistas complementarias y la revisión y codificación de los cuestionarios se llevó a cabo en la Oficina del Negociado del Censo en San Juan, con la asistencia técnica de empleados de la Junta de Planificación de Puerto Rico que fueron designados agentes especiales del censo. Las operaciones de perforación de tarjetas la llevaron a cabo otros empleados de la Junta de Planificación de Puerto Rico quienes también actuaban como agentes especiales. La tabulación de los datos y la preparación del texto y las tablas contenidas en esta publicación fueron obra del Negociado del Censo de los Estados Unidos en Washington.

5. Clases de Establecimientos Cubiertos en este Censo

El Censo de Manufacturas de 1954 cubre todos aquellos establecimientos que se dedican principalmente a la manufactura, tal como se describe en el Manual de Clasificación Industrial Uniforme, Volumen I "Industrias Manufactureras", edición de 1945, después de enmendarse por el Negociado del Presupuesto de los Estados Unidos.

En este manual se describe a los establecimientos manufactureros como establecimientos dedicados a la transformación mecánica o química de materias orgánicas o inorgánicas convirtiéndolas en productos nuevos. Estas actividades por lo general se efectúan en plantas, fábricas o molinos.

La producción manufacturera generalmente se destina al comercio mayorista, para el intercambio con otras fábricas dentro de una misma compañía, o para llenar los pedidos de otros industriales, más bien que a la venta directa a los consumidores finales. Hay, sin embargo, unas pocas industrias que venden mayormente al detal a consumidores finales, a través del correo, de casa en casa, o utilizando vendedores.

Las siguientes clases de actividades de elaboración, que a veces se consideran como manufactureras, se definen por cierto como no-manufactureras por la Clasificación Industrial Uniforme y son por esto excluidas del Censo de Manufacturas:

a. Elaboración de productos en la finca, si la materia prima es producida en la misma finca y las actividades manufactureras son en pequeña escala y sin hacer uso extenso de mano de obra pagada; también la molienda de granos a la orden y otras actividades similares. En la industria de despalillado y resecado de tabaco en Puerto

process their own tobacco in the companies' warehouses. During the processing of a particular grower's crop, the wages of the warehouse laborers involved are paid by the grower and the product remains the property of the grower. Such value of products and employment are excluded from the Census of Manufactures.

b. Manufacturing activities of certain establishments which sell most of their products at retail on the premises, for example, single-shop retail bakeries.

c. Fabricating operations performed at the site of construction by contractors.

d. Production by public utilities.

e. Custom work to the individual order of domestic consumers, such as custom tailoring or woodworking.

f. Repair and other service activities (except services performed "for the trade").

g. Educational, eleemosynary, and penal institutions engaged in some manufacturing.

The following types of activities, though not universally considered to be manufacturing, are so classified in the Standard Industrial Classification and are, therefore, included in the Census of Manufactures:

a. Bakeries (except single-shop retail bakeries)

b. Printing and publishing

c. Apparel jobbing

d. Electroplating, plating, and metal polishing

e. Job stamping, casting, and machining

f. Lapidary work

In some instances, an establishment which was engaged in a combination of both manufacturing and nonmanufacturing activities at the same location was excluded from the Census of Manufactures; if the nonmanufacturing activity predominated. For example, an establishment of a multi-unit firm may be engaged in an appreciable amount of non-manufacturing activity, such as repair or resale of merchandise not manufactured in the establishment. A given value of receipts from repair services reflects a somewhat greater labor and capital input than the same value of receipts from shipments of manufactured products; in turn, the same value of manufactured products requires more labor and capital input than the purchase and resale of merchandise. Consequently, weighting factors of "4" for repair receipts, "3" for manufacturing receipts, and "1" for resales were applied to each multiactivity establishment and the largest "adjusted" value determined its classification.

6. Comparison of Census Data with Other Figures

Despite the application of fairly uniform definitions of manufacturing activity, the census figures may differ in some cases from those published by other Governmental agencies, such as the U. S. Department of Labor and the Puerto Rico Department of Labor. These differences reflect in a large part the greater emphasis in the Census on securing separate reports for each establishment of companies with more than one plant. This permitted more precise geographic classification and the exclusion of non-manufacturing activities of these companies at locations other than the manufacturing plant.

Rico, se sigue la práctica de permitir a los productores individuales el elaborar su propio tabaco en los almacenes de las grandes compañías tabacaleras. Durante la elaboración del producto de un agricultor particular, los salarios de los obreros ocupados en la operación son pagados por el propio agricultor, y mientras tanto el producto sigue siendo de su propiedad. El valor de dichos productos y empleo se excluyen del Censo de Manufacturas.

b. Actividades manufactureras de ciertos establecimientos que venden la mayoría de sus productos a consumidores finales y en el mismo local; por ejemplo, panaderías o reposterías que consisten de una sola unidad.

c. Actividades manufactureras efectuadas por contratistas en el mismo lugar de las obras.

d. Producción por las compañías de servicio público.

e. Trabajos hechos por encargo a petición de consumidores domésticos, tales como labores de sastrería, costura o trabajos en madera.

f. Reparaciones y otros servicios (excepto servicios efectuados "para el negocio").

g. Instituciones de enseñanza, de beneficencia y penales que llevan a cabo algunas actividades manufactureras.

Las siguientes clases de actividades, aunque no consideradas universalmente como manufactureras, son consideradas como tales en la Clasificación Industrial Uniforme, y por consiguiente, se incluyen en el Censo de Manufacturas:

a. Panaderías (excepto aquellas que son más bien tiendas al detal)

b. Industrias de artes gráficas y relacionadas (impresos y publicaciones)

c. Contratistas de ropa hecha

d. Enchape y pulido de metales

e. Estampado, fundición y corte de metales

f. Trabajo lapidario

En los casos en que el establecimiento se dedicaba tanto a actividades manufactureras como no manufactureras, en un mismo local, se excluía del Censo de Manufacturas si la actividad no manufacturera predominaba. Por ejemplo, un establecimiento perteneciente a una firma que opera varias unidades puede estar dedicado principalmente a actividades no manufactureras, tales como trabajos de reparación o reventa de mercaderías no manufacturadas en el establecimiento. Un valor dado de los ingresos por servicios de reparación refleja una inversión algo mayor correspondiente a la mano de obra y capital utilizados que el mismo valor de ingresos obtenidos por la venta de productos manufacturados; a su vez, el mismo valor correspondiente a artículos manufacturados requiere una mayor aportación de mano de obra y capital, que la compraventa de mercadería. Por tanto, los ingresos de cada establecimiento con actividades múltiples se ajustaron aplicando los factores de ponderación siguientes: de "4", por ingresos de reparación; de "3", por ingresos de la manufactura; de "1", por reventas, y el mayor valor de ingresos ajustado determinó su clasificación.

6. Comparabilidad de los Datos Sobre Establecimientos Manufactureros con Otras Cifras

A pesar de usarse definiciones relativamente uniformes de las distintas actividades manufactureras, puede que las cifras del censo difieran algo de las cifras publicadas por otras entidades gubernamentales tales como el Departamento del Trabajo de los Estados Unidos y el Departamento del Trabajo de Puerto Rico. Estas diferencias provienen en gran parte del empeño del censo en obtener información separada para cada establecimiento cuando las compañías tienen más de una planta. Esto permite una clasificación más exacta por área geográfica y la exclusión de las actividades no manufactureras de dichas compañías en locales distintos a los de la planta manufacturera.

7. Comparability with Earlier Censuses

General statistics are shown wherever possible in this report for 1952 and 1949, as well as for 1954. The 1952 Census of Manufactures did not cover establishments engaged in manufacturing activities classified under group 21 (code 2111, 2121, 2131, 2141) that were included in the 1949 and 1954 Censuses. This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco and snuff, and in stemming and redrying tobacco. Bakeries with less than ten employees were also excluded from the 1952 Census (part of industry 2051); however, later estimates were made for the small bakeries omitted from the 1952 Census, and are included in the 1952 data presented in this publication. In 1954, for the first time, establishments primarily engaged in the pasteurization and bottling of fluid milk were classified in manufacturing rather than in trade industries. The 1952 data for all other industries are comparable with both the 1954 and the 1949 results.

In the 1949 Census, homeworkers' wages were excluded from the total payroll figures for the establishment. The costs of this homework were included as "cost of contract work." To the extent that such homework is regarded as part of the labor costs of manufacturing establishments, this procedure resulted in an understatement of value added by manufacture in those industries in which homeworker activity is significant, for example, needlework in the apparel industries. In the 1952 and 1954 Censuses, homeworkers' wages were included in payroll, not in contract costs, and thus were reflected in value added by manufacture.

8. Industry Classification

An industry consists of a group of establishments primarily engaged in the same line or similar lines of economic activity. In the manufacturing field, the line of activity is generally defined in terms of the products made or the processes of manufacture used. The manufacturing industry classifications used in this Census were derived from those which appear in the 1945 Standard Industrial Classification Manual, as amended by the Bureau of the Budget. (For Spanish titles of these industry classifications, see Appendix C.)

A manufacturing establishment is assigned to or classified in an industry generally on the basis of its principal products made or services performed. The products made by each establishment are grouped according to the industries in which they are usually made. The group of products accounting for the principal portion of the total value of products sold by the establishment determines its industry classification. These products are said to be the "primary" products of the establishment, as well as of the industry in which they are usually made; all other products made by the establishment are referred to as "secondary" products. While some establishments produce only the primary products of the industry in which they are classified, this rarely is true of all of the establishments in an industry. The general statistics (employment, payrolls, value added by manufacture, etc.) shown for an industry, therefore, reflect not only the primary activities of the establishments in that industry, but also their activities in the manufacture of secondary products, and their receipts for their other activities, (such as, receipts for repairs or installation of the product manufactured, sales of scrap, and contract work on materials owned by others).

In a classification system dividing the manufacturing field into more than 450 separate industries to which establishments are assigned on the basis of their principal

7. Comparabilidad con Censos Anteriores

En este informe se presentan, siempre que es posible, estadísticas generales para el 1952 y 1949, así como para el 1954. El Censo de Manufacturas de 1952 no cubrió los establecimientos dedicados a actividades manufactureras clasificadas en el grupo 21 (clave 2111, 2121, 2131, 2141) que fueron incluidos en los censos de 1949 y 1954. Este grupo principal incluye los establecimientos dedicados a la manufactura de cigarrillos, cigarros, tabaco para mascar y fumar y rapé y el despalillado y ressecado de tabaco. Las panaderías con menos de 10 empleados fueron excluidas del censo de 1952 (parte de la industria 2051); sin embargo, más tarde se hicieron estimaciones para las pequeñas panaderías omitidas en el censo de 1952 y se incluyeron como parte de los datos para 1952 presentados en esta publicación. En 1954, por primera vez, los establecimientos que se dedicaron mayormente a pasteurizar y embotellar leche fueron clasificados en la manufactura en vez de en el comercio. Los datos de 1952 para todas las demás industrias son comparables con los resultados obtenidos en 1954 y 1949.

En el censo de 1949 los jornales de los trabajadores a domicilio se excluyeron de la nómina total del establecimiento. El costo de este trabajo a domicilio se incluyó como "Costo de trabajo por contrato." Como sea que dicho trabajo a domicilio es considerado como parte del costo de mano de obra de los establecimientos manufactureros, este procedimiento resultó en un valor agregado por la manufactura menor, en aquellas industrias en que el trabajo a domicilio es considerable, por ejemplo, trabajo de aguja en la industria de ropa. En los censos de 1952 y 1954, los jornales de los trabajadores a domicilio se incluyeron en la nómina, no en el costo por contrato, y de este modo quedaron reflejados en el valor agregado por la manufactura.

8. Clasificación de Industrias

Una industria consiste de un grupo de establecimientos dedicados principalmente a un mismo campo o líneas similares de actividad económica. En el campo manufacturero, la línea de actividad se clasifica por lo general atendiendo al artículo manufacturado o al proceso manufacturero usado. Las clasificaciones industriales usadas en este censo se tomaron del Manual de Clasificación Uniforme de 1945, enmendado por el Negociado de Presupuesto de los EE. UU. (Para los títulos de industrias usados para este censo vease el Apéndice C.)

Un establecimiento manufacturero se clasifica dentro de un grupo industrial determinado por lo general de acuerdo con su producción principal o con los servicios prestados. Los artículos manufacturados por cada establecimiento se agrupan según la industria en que comúnmente se fabrican. El grupo de productos que constituye la parte principal del valor total de los productos vendidos por el establecimiento determina su clasificación industrial. Estos productos son los "productos primarios" del establecimiento, así como también de la industria en que por lo general se hacen; todos los demás productos manufacturados por el establecimiento se conocen como "productos secundarios." Aunque algunos establecimientos sólo se dedican a la manufactura de aquellos productos primarios que le dan nombre, raras veces sucede esto con todos los establecimientos clasificados dentro de una industria. Así pues, las estadísticas generales (número de empleados, nómina de pago, valor agregado por la manufactura, etc.) para una industria, reflejan no sólo las actividades primarias de los establecimientos en dicha industria, sino también sus actividades en relación con la manufactura de los productos secundarios y los ingresos correspondientes a otras actividades (tales como reparaciones o instalación del producto terminado, venta de chatarra y trabajos por contrato hechos con materiales propiedad de otros).

Dentro del sistema de clasificación usado para dividir el campo de la manufactura en más de 450 industrias distintas, a las cuales se adscriben los diferentes

activity, production by one industry may overlap into the products of other industries. Such overlapping is particularly prevalent in such industry groups as apparel, furniture, and metal fabricating, where establishments within each group, employing the same basic types of machinery and fabricating operations, produce a wide variety of products belonging to a number of different industries. Of course, the greater the degree of overlapping, the less meaningful are the relationships between general and product statistics for the particular industry.

The tables showing "value of products sold" (Chapter II, table 3 and Chapter IV, table 3) present information classified on the basis of the products manufactured, regardless of the industry classification of the plant that manufactured them.

9. Groups of Industries

The Standard Industrial Classification system, used in this Census, combines the more than 450 individual industries into a smaller number of industry subgroups, which are, in turn, combined into 20 major industry groups. Each individual industry is designated by a 4-digit code, each industry group by a 3-digit code identical with the first three digits of its component industries, and each major industry group by a 2-digit code identical with the first two digits of its component industry groups.

In the summary industry tables, subtotals for industry subgroups and major groups are shown where possible, and codes for each industry level are shown at the left of the industry name. Where a 3-digit industry subgroup comprises only 4-digit industry, only the 4-digit industry name and code are shown. In order to save space in these tables, shorter titles have been substituted for many of the titles shown in the Standard Industrial Classification Manual.

10. Geographic Distribution

Census of Manufactures statistics have been tabulated for regions and standard metropolitan areas, as well as for the legally constituted units (municipalities) into which Puerto Rico is divided.

The regions, as delineated by the Puerto Rico Planning Board, are groupings of adjoining municipalities which are relatively homogeneous with respect to terrain and social and economic characteristics. Data are published for regions in this report in order to provide summary figures at levels intermediate between those for Puerto Rico as a whole and those for an individual municipality.

A standard metropolitan area is an integrated economic and social entity with an attendant large volume of daily travel and communication between the central city and the outlying parts of the area. Each standard metropolitan area is designated by the name of the principal municipality in the area. The three standard metropolitan areas and their constituent parts are as follows:

- a. Mayaguez - Mayaguez Municipality
- b. Ponce - Ponce Municipality
- c. San Juan - Bayamon, Catano, Guaynabo, Rio Piedras, and San Juan Municipalities

11. Confidentiality of Data

The U. S. Bureau of the Census and the Government of Puerto Rico are prohibited by law from publishing any

establecimientos de acuerdo con su actividad principal, puede que también la industria se extienda abarcando en parte la producción de otras industrias. Esto ocurre particularmente en grupos de industrias tales como el de manufactura de ropa, de muebles, y de artículos de metal, en que los establecimientos dentro de cada grupo que emplean los mismos tipos básicos de maquinaria y procesos de fabricación, producen una gran variedad de artículos que pertenecen a otras industrias. Naturalmente, cuanto mayor sea el grado en que una industria se extienda para abarcar la producción de otras industrias, menos significativa resulta ser la relación entre las estadísticas generales y las de cada producto para esa industria en particular.

Las tablas que muestran el "valor de los productos vendidos" (Capítulo II, tabla 3 y capítulo IV, tabla 3) presentan información clasificada a base de los productos manufacturados, sin considerar cuál es la clasificación industrial de la fábrica que los hizo.

9. Grupos de Industrias

El sistema de Clasificación Industrial Uniforme, utilizado en este censo, combina el total de más de 450 industrias manufactureras individuales para formar un número menor de subgrupos industriales que a su vez son combinados para formar 20 grupos principales de industrias. Cada industria individual se designa con un número clave de cuatro cifras, cada grupo de industria con un número clave de tres cifras que son idénticas a las tres primeras cifras de las respectivas industrias que la componen, y cada grupo principal de industrias con un número clave de dos cifras que son iguales a las dos primeras cifras de los grupos de industrias que lo componen.

En las tablas de resúmenes por industria, se presentan cuando es posible subtotales para los subgrupos y grupos principales de industrias y la clave industrial se muestra a la izquierda del nombre de la industria. Cuando un subgrupo de industrias con un número clave de 3 cifras incluye sólo una industria con un número clave de 4 cifras, se presenta únicamente el nombre y el número clave de la industria de 4 dígitos. Para ganar espacio en estas tablas, muchos de los títulos que aparecen en el manual de Clasificación Industrial Uniforme han sido acortados.

10. Distribución Geográfica

Los resultados del Censo de Manufacturas se tabularon por regiones y por áreas metropolitanas, así como también por unidades políticas legalmente constituidas (municipios) en que está dividido Puerto Rico.

Las regiones, según han sido delineadas por la Junta de Planificación de Puerto Rico, son agrupaciones de municipios contiguos que son relativamente homogéneos con respecto al terreno y características tanto sociales como económicas. En este informe se han publicado datos por regiones para así proveer cifras resumidas a niveles intermedios entre aquellas para Puerto Rico como un todo y aquellas para un municipio en particular.

Un área metropolitana standard es una entidad social y económicamente integrada con un gran volumen de tránsito e intercomunicación diaria entre la ciudad central y las zonas y pueblos limítrofes. Cada área metropolitana standard se designa por el nombre del municipio principal incluido en el área. Las tres áreas metropolitanas standard y sus partes componentes son las siguientes:

- a. Mayaguez - Municipio de Mayaguez
- b. Ponce - Municipio de Ponce
- c. San Juan - Municipios de Bayamon, Catano, Guaynabo, Río Piedras y San Juan

11. Divulgación de Datos sobre Compañías Individuales

Tanto al Negociado del Censo de los Estados Unidos como al Gobierno de Puerto Rico les está prohibido por ley

statistics that disclose information reported by individual companies. As in recent censuses, this has been interpreted as follows:

a. Locality, industry classification, and approximate size of an establishment may be presented.

b. Employment figures may be shown for any industry or locality represented by three or more companies.

c. Value figures may be shown for any industry, locality, or product represented by three or more companies; provided also that one or two companies do not produce a very large proportion of the combined output of these companies.

d. Care is taken to provide against the possibility of disclosure by subtraction. If, for example, the statistics for a municipality were subtracted from those for the region in which it is located, and this subtraction would isolate a group of establishments not meeting the rules indicated in (b) and (c), data for the municipality would be withheld.

In this Census, preference in geographical statistics was given first to regions, second to standard metropolitan areas, and third to individual municipalities. Similarly, in presenting industry statistics preference was given to industry groups over individual industries.

12. The Census Report Form

A single Census report form was used for all establishments covered in this Census. Separate printings of the form were made in English and in Spanish. Establishments with more than six employees were requested to furnish data on inventories, capital expenditures, and generation of electric energy; in addition to data on employment, payrolls, materials, products, etc. (in actual practice, however, the additional data were obtained on a complete basis only from establishments with 10 or more employees).

Copies of the Census report form and instructions are printed in Appendix B.

The form required that each respondent enter the actual physical location of the manufacturing establishment, the Federal Social Security employer identification number, company affiliation, and changes in ownership during 1954. These identification data were used primarily for control purposes or additional knowledge in processing the reported figures. To develop a historical time series showing when establishments covered in the 1954 Census came into existence, each respondent was asked to report the year in which his plant first began operations. A "form of ownership" question was also included to determine the distribution of establishments by type of ownership (proprietorships, partnerships, corporations, etc.) in the various industry groups.

13. Explanation of Terms

Establishment.—In the Census of Manufactures, data are collected from individual manufacturing establishments, that is, those engaged in the mechanical or chemical transformation of inorganic or organic substances into new products. These activities are usually carried on in plants, factories, or mills. The term "establishment" denotes a single plant or factory in which manufacturing operations are performed. The term is not necessarily identical with the business firm or company, which may consist of one or more establishments. A company that operated establishments in more than one location was generally required to submit a separate report for each location. Also, companies engaged in distinctly different lines of activity at

publicar datos que revelen la información rendida por compañías individuales. Al igual que en censos recientes, esto se interpreta como sigue:

a. Es permisible publicar datos individuales para un establecimiento con respecto a su localización, clasificación industrial o tamaño aproximado.

b. Se pueden publicar cifras sobre empleo para cualquier industria o localidad que esté representada por tres o más compañías.

c. Se pueden publicar cifras sobre valor de la producción para cualquier industria, localidad o producto representado por tres o más compañías; siempre y cuando una o dos de dichas compañías no produzcan una proporción bastante grande de la producción conjunta de estas compañías.

d. Se ha tenido cuidado de evitar la posibilidad de descubrir datos mediante operaciones de resta. Es decir, si por ejemplo las cifras correspondientes a un municipio se restaran del total para la región en que está localizado y esta resta facilitara el aislar un grupo de establecimientos, faltando de este modo a los reglamentos (b) y (c) antes mencionados, los datos para este municipio serían entonces omitidos al hacer la publicación.

En las estadísticas por áreas geográficas de este censo, se dio preferencia primero, a regiones, segundo a áreas metropolitanas standard, y tercero a los municipios. De igual manera, al presentar las estadísticas sobre industrias se dio preferencia a los grupos de industrias dejando en segundo lugar a las industrias individuales.

12. El Cuestionario Censal

Se usó un mismo tipo de cuestionario para todos los establecimientos cubiertos por este censo. Se imprimieron versiones del cuestionario en español y en inglés. A los establecimientos con más de seis empleados se les pidió información respecto a sus inventarios, inversiones de capital y energía eléctrica producida, además de los datos sobre empleo, nómina, materiales, productos, etc. (sin embargo en la práctica, la información adicional completa sólo se obtuvo de establecimientos con más de diez empleados).

En el Apéndice B aparece un modelo del cuestionario censal y sus instrucciones.

En el cuestionario se pidió a cada informante que anotara la localización física del establecimiento manufacturero, número de identificación de Seguro Social Federal del patrono, la afiliación de la compañía y los cambios de estado o posesión del establecimiento durante el 1954. Estos datos de identificación se usaron principalmente con propósitos de control o como información adicional al elaborar las cifras informadas. Para obtener una serie cronológica que mostrara la fecha en que los establecimientos cubiertos por el censo de 1954 se establecieron se pidió a cada dueño informarse el año en que su negocio comenzó a operar por primera vez. También se incluyó una pregunta sobre la organización legal (tipo de dominio) para poder determinar la distribución de los establecimientos por clase de dueño (propietario individual, sociedad, corporación, etc.) entre los distintos grupos de industrias.

13. Explicación de los Terminos Usados

Establecimiento.—En el Censo de Manufacturas se recolectaron datos sobre establecimientos manufactureros individuales, es decir, aquellos que se dedican a la transformación mecánica o química de materias orgánicas o inorgánicas convirtiéndolas en nuevos productos. Estas actividades por lo general son llevadas a cabo en fábricas o molinos. El término "establecimiento" denota una sola fábrica o factoría en la cual se llevan a cabo operaciones manufactureras. Este término no es necesariamente idéntico al de empresa o compañía, que puede consistir de uno o más establecimientos. A aquellas compañías que operaban en más de un local se les pidió que rindieran un informe por separado para cada local. Igualmente a las compañías que

one location were required to submit separate reports, if separate records were available or if substantially accurate reports could be prepared.

Where an establishment changed ownership during the year 1954, it was counted as a single establishment, provided it continued to operate in the same line of activity. Every effort was made to coordinate the reports secured from both owners so that the consolidated report would reflect "annual" activity.

Total employees, number.—The term "Total employees" represents an annual average of all full-time and part-time persons on the payrolls of the establishment (except homeworkers and proprietors and partners actively engaged in plant operations) who received compensation in any part of four selected pay periods covered in the Census year. The averages were based on pay periods ending nearest the 15th of January, March, July, and October 1954.

In the 1949 Census, the periods used were February, May, August, and November; in the 1952 Census, the periods were January, April, July, and October. These variations from census to census do not significantly affect the comparability of employment averages, except possibly for sugar mills.

Salaries and wages, total.—This total includes all forms of compensation (salaries, wages, commission, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc. Direct payments to homeworkers, however, are not included.

Production workers, number.—"Production workers" comprise working foreman and all non-supervisory workers engaged at the plant in fabricating, processing, assembling, storage, packing, shipping, maintenance, repair, record-keeping and all other services closely related to production operations.

Production workers, wages.—This item consists of that portion of the payroll (as defined above) paid to production workers of manufacturing establishments.

Homeworker wages.—This item consists of payments made directly to homeworkers (who work outside the factory on materials supplied by the manufacturer, contractor, or sub-contractor). Manufacturers did not report such payments if made through contractors or sub-contractors; the latter, however, were requested to report such payments to homeworkers.

Cost of materials and contract work.—This total consists of the cost of materials, supplies, fuels, electric energy, and contract work for all establishments of an industry in 1954. "Cost" refers to direct charges actually paid or payable for items consumed or put into production during the year. It represents the cost after discounts and includes freight and other direct charges incurred in acquiring these materials. As such, the figure includes the total delivered cost of all raw materials, semi-finished goods, parts, components, containers, scrap, and supplies consumed or put into production during 1954; it includes the amount paid for electric energy purchased and for all fuels consumed for heat, power, or generation of electricity; and it includes the cost of work done by others on materials furnished by the manufacturing establishment (contract work). On the other hand, it excludes the cost of products bought and resold in the same condition; it excludes the cost of services used, such as advertising, insurance, telephone, etc., and developmental,

se dedicaban a líneas enteramente distintas de actividad en un mismo local se les pidió rendir informes separados si se llevaban records apartes o si era posible preparar informes que fueran sustancialmente correctos.

En el caso de un establecimiento que cambió de dueño durante el año 1954, el mismo se contó como un sólo establecimiento, siempre que continuara operando en la misma línea de actividad. Se hizo todo esfuerzo posible por coordinar los informes obtenidos de ambos dueños de manera que el informe consolidado reflejara la actividad "anual" del establecimiento.

Número total de empleados.—El término "empleo total" se refiere a todas las personas incluidas en las nóminas de pago que trabajaron toda o parte de la jornada diaria (excepto los trabajadores a domicilio y dueños o socios activos) que hubieran recibido remuneración durante por lo menos uno de los cuatro períodos de pago considerados dentro del año censal, que son los que finalizaron cerca del día 15 de los meses de enero, marzo, julio y octubre de 1954.

Para el Censo de 1949 los períodos usados fueron febrero, mayo, agosto y noviembre; para el Censo de 1952 los períodos fueron enero, abril, julio y octubre. Estas variaciones entre censos no afectan gran cosa la comparabilidad de los promedios de empleados, con excepción tal vez de aquéllos para las centrales azucareras.

Salarios y jornales, total.—Este total incluye toda forma de compensación (salarios, jornales, comisiones, bonos, paga por vacaciones, y cualquier otra remuneración) pagada durante el año a todos los empleados del establecimiento. El total de pagos es informado antes de hacer deducciones para Seguro Social, impuestos sobre ingresos, otros seguros, cuotas para sindicatos, etc. No se incluyen sin embargo, los pagos hechos a trabajadores a domicilio.

Total de obreros industriales.—Los "obrerros de producción y similares" incluye a los capataces y toda clase de trabajadores de producción (incluyendo maestros y aprendices) ocupados en la fabricación, elaboración, montaje, inspección, almacenaje, recibimiento, manejo, empaque, embarque, mantenimiento, reparación, limpieza, vigilancia, manejo de records y otros servicios estrechamente relacionados con las operaciones productivas.

Obreros de producción, jornales.—Esta partida consiste de aquella parte de la nómina (según se define antes) pagada a los trabajadores de producción de los establecimientos manufactureros.

Salarios de los trabajadores a domicilio.—Esta partida consiste de los pagos hechos directamente a trabajadores a domicilio (quienas trabajan fuera de la fábrica con materiales suplidos por el fabricante, contratista, o sub-contratista). Los manufactureros no informaron dichos pagos cuando se hicieron a través de contratistas o sub-contratistas; estos últimos sin embargo, fueron los que informaron tales pagos a los trabajadores a domicilio.

Costo de materiales y trabajo por contrato.—Este total consiste del costo de materiales, combustibles, energía eléctrica, y trabajos por contrato para todos los establecimientos de una industria en 1954. "Costo" se refiere a los cargos directos realmente pagados o por pagarse por artículos consumidos o utilizados en la producción durante el año. Representa el costo después de hechos los descuentos, e incluye fletes y otros gastos incurridos en la adquisición de dichos materiales. Así pues, la cifra incluye el costo total de entrega de toda la materia prima, productos semi-elaborados, piezas, componentes, envases, chatarra, y otros materiales consumidos o utilizados en la producción durante 1954; incluye la cantidad pagada por la energía eléctrica comprada y por todo el combustible usado para producir fuerza o generar electricidad; y también incluye el costo del trabajo hecho por otros con materiales facilitados por el establecimiento manufacturero (trabajo por contrato). Del otro lado, excluye el costo de productos comprados y revendidos en la misma condición en que se

research, and consulting services of other establishments; it excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc.; it excludes materials, machinery and equipment used in plant expansion or capitalized repairs, which are chargeable to fixed assets accounts.

It should be noted that a summation of industry cost of materials figures to industry group totals would result in large and unknown amounts of duplication, owing to the addition of costs reported by related industries engaged in successive fabrication stages in the production of finished manufactured products. For this reason, cost of materials, etc., figures are not shown at the industry group (3-digit) and major industry group (2-digit) levels. With some minor exceptions, this duplication is not significant within individual industries.

Value of shipments (Value of products sold and contract receipts).—This figure represents net selling value, f.o.b. plant, after discounts and allowances, of all shipments of products from manufacturing establishments of an industry in 1954, plus receipts for miscellaneous activities of such plants; it excludes freight charges and excise taxes. Products transferred to other establishments of the same company (such as other manufacturing plants, separate sales branches, or retail dealers) are valued at the nearest approximation to the commercial selling value, f.o.b. plant, and not the cost of production. It should be noted that, for establishments classified in a given industry, the value of shipments includes not only (a) their value of products "primary" to the industry, but also (b) their value of "secondary" products (which are primary to other industries), and (c) their "miscellaneous receipts" for repair work, sales of scrap, installation of own products, receipts for contract work, etc. Excluded from the value of shipments, however, are sales of products bought and resold in the same condition (resales). In some industries which deliver their products directly to their customers, such as ice cream (2024), fluid milk and cream (2026), bottled soft drinks (2081), and ice (2097), some delivery costs are probably included in the value of shipments.

The element "value of products sold" consists of value of shipments (as defined above) less contract receipts.

The element "contract receipts" consists of receipts for work performed on materials owned by others. As contract receipts reported by contractors do not include the cost of the materials (owned by the manufacturer or jobber), the figure does not represent the total value of the product but only the value of the work done by the contracting plant.

As in the case of cost of materials, a summation of industry value of shipments figures to industry group totals would result in large and unknown amounts of duplication, owing to the addition of shipments reported by related industries engaged in successive fabrication stages in the production of finished manufactured products. For this reason, value of shipments totals are ordinarily not shown at the industry group level. This duplication is not significant within individual industries, except for a few minor exceptions.

In a few selected tables, however, value of products sold for industry groups are presented in order to indicate their aggregate levels of output. Such totals, of course, should be interpreted with extreme caution, because of this basic limitation of the significance of such aggregates. The duplication is particularly significant when industries within the same major industry group

compraron; excluye el costo de servicios usados tales como anuncios, seguros, teléfonos, etc., y los servicios de consulta y estudios prestados por otros establecimientos; también se excluyen otros gastos de operación tales como depreciación, alquiler de local, intereses, derechos, etc.; y excluye materiales, maquinaria y equipo usado en la ampliación de la fábrica o gastos de capital los cuales se refieren a bienes fijos.

Es preciso hacer notar que el englobar las cifras del costo de materiales industriales con los totales de los grupos de industrias resultaría en una duplicación considerable y desconocida debido a que se sumarían costos informados por industrias relacionadas dedicadas a las distintas etapas de producción de artículos terminados. Por tal motivo, las cifras para los costos de materiales, etc. no son presentadas para los grupos de industrias con clave de tres dígitos o los grupos principales de industrias con clave de dos dígitos. Con pequeñas excepciones, esta duplicación no adquiere importancia dentro de industrias individuales.

Valor de los productos vendidos (e ingresos por trabajo contratado).—Esta cifra representa el valor neto de venta, f.o.b. fábrica, luego de las deducciones y descuentos, de toda la venta de productos de los establecimientos manufactureros de una industria en 1954, más los ingresos por las actividades misceláneas de dichas fábricas; excluye fletes e impuestos. Los productos que se transfieren a otros establecimientos de la misma compañía (tales como otros establecimientos manufactureros, sucursales de venta, o vendedores al detal) son valorados a la aproximación más cercana del valor comercial, f.o.b. fábrica, y no al costo de producción. Se debe observar que para los establecimientos clasificados dentro de una industria en particular, el valor de las ventas incluye no sólo (a) su valor de productos primarios a dicha industria sino también (b) su valor de productos secundarios (los cuales son primarios para otras industrias), y (c) sus ingresos misceláneos por trabajos de reparación, venta de chatarra, instalación de sus propios productos, trabajos por contrato, etc. Se excluye del valor de los productos vendidos sin embargo, la venta de productos comprados y vueltos a vender en las mismas condiciones (reventas). En algunas industrias que entregan sus productos directamente a los consumidores, tales como mantecados y helados (2024), leche y crema (2026), bebidas carbonatadas (2081), e hielo (2097) algunos de los costos de entrega probablemente son incluidos en el valor de los productos vendidos.

El factor "valor de los productos vendidos" consiste de el valor de las ventas (según se define antes) menos los ingresos por trabajos por contrato.

El factor "ingresos por trabajos por contrato" consiste en los ingresos por trabajo efectuado con materiales propiedad de otros. Como los ingresos informados por contratistas no incluyen el costo de los materiales (pertencientes al manufacturero) la cifra no representa el valor total del producto sino sólo el valor del trabajo hecho por la fábrica contratante.

Al igual que en el caso del costo de los materiales, el englobar las cifras sobre valor de los productos vendidos con los totales de los grupos de industrias resultaría en una considerable y desconocida duplicación debido a que se sumarían las ventas informadas por industrias relacionadas dedicadas a las etapas sucesivas de fabricación en la producción de artículos terminados. Por tal motivo, los totales para el valor de los productos vendidos por lo general no se presentan para grupos de industrias. Esta duplicación no adquiere importancia para las industrias individuales con excepción de algunos casos insignificantes.

En algunas tablas sin embargo, se presenta el valor de los productos vendidos para grupos de industrias con el fin de indicar sus niveles ponderados de producción. Por supuesto dichos totales deben ser interpretados con cuidado debido a las limitaciones básicas del significado de dicha ponderación. La duplicación se vuelve particularmente significativa cuando las industrias dentro de un

perform successive stages in the manufacture of a product, such as raw cane sugar mills and distilleries, sugar mills, refineries, and confectionery plants in the Food and Kindred Products group; or, as in the case of tobacco stemming and redrying, cigars and chewing and smoking tobacco.

Value added by manufacture.—This measure is derived by subtracting the cost of raw materials, semi-manufactured parts and components, supplies, fuels, purchased electric energy, and contract work, from the value of shipments of manufacturing establishments in each industry. It avoids, therefore, the duplication in the value of shipments which results from the use of products of some establishments as materials by others. As such, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Destination of products sold and source of contract receipts.—This item refers to the destination of the products or services sold. In the case of contract receipts, contractors reported the origin of payments for contract work performed on materials owned by others.

Inventories.—The value of inventories at the beginning and end of the year, respectively, were obtained from each establishment with an annual average employment of 10 or more employees. Data were collected for (1) finished products, (2) work-in process, and (3) materials, supplies, fuels, and other inventories.

Expenditures for plant and equipment.—Expenditures for plant and equipment (capital expenditures) are those which were chargeable during 1954 to fixed asset accounts for which depreciation accounts were maintained. "Expenditures for new plant and equipment" includes: expenditures during 1954 for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land.

Data shown in the table on expenditures for plant and equipment were obtained from all establishments with 10 or more employees. The first two columns provide a measure of the importance of these establishments in terms of value added by manufacture. It should not be assumed, however, that the same proportion of value added accounted for by establishments with less than 10 employees can be applied to obtain a measure of capital expenditures by these small plants. Typically, smaller firms have smaller expenditures per dollar of value added than larger firms.

Tax-exempt establishments.—The term "tax-exempt," as used in this report, refers to all establishments in manufacturing industries that were not required to pay taxes to the Government of the Commonwealth of Puerto Rico during 1954 in accordance with the provisions of Act No. 184 of May 18, 1948.

mismo grupo principal llevan a cabo etapas sucesivas de fabricación de un producto por ejemplo, centrales azucareras y destilerías, refinerías de azúcar, y fábricas de dulces y confites dentro del grupo de Comestibles y Productos Relacionados; o como en el caso de despalillado y resaca de tabaco, fábrica de cigarrillos y tabaco de mascar y fumar.

Valor agregado por la manufactura.—El valor agregado por la manufactura se obtiene restando el costo de materia prima, piezas y componentes, efectos, combustible, energía eléctrica comprada, e ingresos de trabajos por contrato, del valor de las ventas de los establecimientos manufactureros en cada industria. Esto evita, por lo tanto, la duplicación en el valor de las ventas lo cual resulta cuando se usan como materiales los productos de algunos establecimientos. Como tal ésta es la mejor medida de valor que se tiene disponible para comparar la importancia económica relativa de la manufactura entre industrias y entre áreas geográficas.

Destino de los productos vendidos y fuentes de ingresos por contratos.—Esta pregunta se refiere al lugar de destino de los productos vendidos y de los servicios prestados. En el caso de los ingresos por contratos, los contratistas informaron el origen de los pagos por trabajo contratado y hecho con materiales que eran propiedad de otros.

Inventarios.—El valor de los inventarios de principios de año fue obtenido de los establecimientos con un promedio anual de diez o más empleados. Se obtuvieron datos para (1) productos terminados, (2) trabajo en proceso de fabricación, y (3) materiales, efectos, combustibles, y otros inventarios.

Inversiones de capital.—Los gastos de edificio y equipo (inversiones de capital) son los incurridos en 1954, que corresponden a bienes fijos para los cuales se llevan cuentas de depreciación. La "inversión para nuevos edificios y equipo" incluye: gastos en 1954 para nuevos edificios o ampliación de los viejos (incluyendo reparaciones mayores y mejoras) al establecimiento manufacturero, ya sea por contrato o hecho por los mismos trabajadores del establecimiento; nueva maquinaria y equipo; y reparaciones y mejoras al equipo existente. Se excluyen los gastos para edificio y equipo usado obtenido de otros y para la compra de terreno.

Los datos que aparecen en las tablas para inversiones de capital fueron obtenidos de todos los establecimientos con diez o mas empleados. Las primeras dos columnas de dichas tablas ofrecen una medida para estos establecimientos en terminos del valor agregado por la manufactura. No se debe asumir sin embargo, que la misma proporción de valor agregado correspondiente a los establecimientos con menos de diez empleados se puede aplicar para obtener una medida de inversión de capital para estos pequeños establecimientos. Comúnmente, las empresas mas pequeñas tienen menores gastos por dolar de valor agregado que las empresas mayores.

Establecimientos exentos de pago de impuestos.—El termino "exento del pago de impuestos" tal como se usa en este informe se refiere a todos los establecimientos y las industrias manufactureras que no tuvieron que pagar impuestos al gobierno del Estado Libre Asociado de Puerto Rico durante el año 1954 de acuerdo con la Ley Num. 184 de 18 de mayo de 1948.



SUMMARY STATISTICS

(1)

1954 PUERTO RICO CENSUS OF MANUFACTURES

Table 1.--GENERAL STATISTICS FOR PUERTO RICO: 1954 AND EARLIER YEARS
(Dollar figures in thousands. See Introduction for explanation of terms)

Item	All industries		All industries, except coffee roasting and tobacco stemming and redrying ¹				
	1954	1949	1954	1949	1939	1919	1909
Number of establishments.....	1,938	1,998	1,865	1,937	798	619	939
Proprietors and working partners, number.....	1,298	1,821	1,246	1,768	953	787	1,478
All employees:							
Number (average for the year).....	69,022	55,137	60,322	49,052	25,758	17,667	16,644
Salaries and wages, total.....	\$83,263	\$49,205	\$77,321	\$46,215	\$12,676	\$9,104	\$4,898
Production and related workers:							
Number (average for the year).....	60,336	47,735	51,965	42,012	23,484	15,985	15,582
Wages, total.....	\$59,289	\$35,736	\$54,025	\$33,174	\$9,220	\$6,766	\$3,639
All other employees:							
Number (average for the year).....	8,686	7,402	8,357	7,040	2,274	1,682	1,062
Salaries and wages, total.....	\$23,974	\$13,469	\$23,291	\$13,040	\$3,455	\$2,339	\$1,259
Value added by manufacture.....	\$188,331	\$93,421	\$179,402	\$87,043	\$35,219	\$25,522	\$15,249

¹ These activities were considered nonmanufacturing and were not included in the scope of the 1939 and earlier censuses. The 1954 and 1949 statistics, therefore, have been adjusted to make them comparable with those for 1939, 1919, and 1909.

Table 2.--GENERAL STATISTICS FOR PUERTO RICO, BY REGIONS AND STANDARD METROPOLITAN AREAS: 1954 AND 1949
(Dollar figures in thousands. See Introduction for explanation of column captions)

Area	Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
			Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
1954								
Puerto Rico, all industries, total.....	1,938	1,298	69,022	\$83,263	60,336	\$59,289	\$6,034	\$188,331
Standard metropolitan areas:								
Mayaguez ¹	177	138	5,740	6,867	4,991	4,959	1,786	20,781
Ponce ¹	169	109	6,197	8,702	5,187	5,919	135	18,793
San Juan ²	618	330	20,905	28,739	17,266	18,925	445	66,546
Regions:								
Northwest Coast.....	90	80	1,945	2,058	1,759	1,663	534	5,171
North Central Coast.....	179	118	7,058	8,640	6,333	6,278	270	20,888
Metropolitan San Juan ²	652	346	22,410	30,425	18,616	20,233	1,318	70,315
Northeast Coast.....	35	20	1,020	1,809	895	1,250	27	3,481
East Coast.....	40	39	1,254	1,651	1,128	1,302	...	2,503
Southeast Coast.....	94	72	3,545	5,196	2,923	3,286	81	8,812
Metropolitan Ponce ¹	169	109	6,197	8,702	5,187	5,919	135	18,793
Southwest Coast.....	161	132	5,551	5,264	4,977	3,949	755	11,060
Metropolitan Mayaguez ¹	177	138	5,740	6,867	4,991	4,959	1,786	20,781
West Central Highlands.....	76	58	1,503	1,656	1,373	1,292	9	3,008
East Central Highlands.....	101	66	5,507	4,197	5,301	3,689	489	10,618
Caguas Valley.....	164	120	7,292	6,798	6,853	5,469	630	12,901
1949								
Puerto Rico, all industries, total.....	1,998	1,821	55,137	\$49,205	47,735	\$35,736	(NA)	\$93,421
Standard metropolitan areas:								
Mayaguez ¹	164	143	5,828	4,104	4,561	2,808	(NA)	8,602
Ponce ¹	199	179	5,348	4,959	4,564	3,166	(NA)	9,909
San Juan ²	521	436	14,077	14,734	11,598	9,787	(NA)	28,368
Regions:								
Northwest Coast.....	109	111	1,393	1,252	1,207	984	(NA)	2,036
North Central Coast.....	198	174	7,095	5,952	6,255	4,491	(NA)	10,289
Metropolitan San Juan ²	539	447	15,036	15,736	12,449	10,534	(NA)	29,986
Northeast Coast.....	47	42	1,292	1,613	1,175	1,251	(NA)	3,632
East Coast.....	55	55	2,341	2,262	2,223	1,959	(NA)	3,231
Southeast Coast.....	143	133	2,825	2,536	2,446	1,730	(NA)	6,720
Metropolitan Ponce ¹	199	179	5,348	4,959	4,564	3,166	(NA)	9,909
Southwest Coast.....	183	200	4,169	3,886	3,691	2,946	(NA)	7,507
Metropolitan Mayaguez ¹	164	143	5,828	4,104	4,561	2,808	(NA)	8,602
West Central Highlands.....	77	73	1,235	940	1,114	692	(NA)	2,240
East Central Highlands.....	105	94	2,656	1,595	2,449	1,385	(NA)	2,908
Caguas Valley.....	179	170	5,919	4,371	5,601	3,789	(NA)	6,361

... Represents zero.

NA Not available.

¹ The Mayaguez and Ponce Standard Metropolitan Areas are coextensive with Metropolitan Mayaguez and Metropolitan Ponce regions, respectively.

² The San Juan Standard Metropolitan Area consists of San Juan, Rio Piedras, Catano, Guaynabo, and Bayamon municipalities; whereas Carolina and Trujillo Alto municipalities are added to form Metropolitan San Juan region.

SUMMARY STATISTICS

3

Table 3.--GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS, CLASSIFIED BY EMPLOYMENT SIZE, FOR PUERTO RICO: 1954 AND 1949

(Dollar figures in thousands. See Introduction for explanation of column captions)

Employment size of establishment	Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers wages	Value added by manufacture
			Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
1954								
All establishments, total.....	1,938	1,298	69,022	\$83,263	60,336	\$59,289	\$6,034	\$188,331
Establishments with--								
Fewer than 5 employees.....	706	653	1,557	1,228	1,460	1,098	274	3,160
5 to 9 employees.....	321	270	2,129	2,099	1,845	1,679	352	4,568
10 to 19 employees.....	281	190	3,880	4,087	3,309	2,912	551	10,489
20 to 49 employees.....	277	104	8,684	9,801	7,311	6,493	2,736	25,622
50 to 99 employees.....	171	44	12,062	13,825	10,331	9,620	1,346	30,093
100 to 249 employees.....	133	29	21,553	24,064	19,580	17,943	748	54,704
250 to 499 employees.....	40	(D)	13,508	20,975	11,452	14,333	27	48,807
500 employees or more.....	9	(D)	5,649	7,182	5,048	5,211	...	10,888
1949								
All establishments, total.....	1,998	1,821	55,137	\$49,205	47,735	\$35,736	(NA)	\$93,421
Establishments with--								
Fewer than 5 employees.....	981	994	1,439	779	1,372	740	(NA)	1,776
5 to 9 employees.....	318	323	2,107	1,617	1,813	1,285	(NA)	2,841
10 to 19 employees.....	248	234	3,386	2,670	2,836	2,016	(NA)	4,890
20 to 49 employees.....	199	138	6,006	5,130	4,938	3,474	(NA)	10,825
50 to 99 employees.....	114	64	8,012	6,375	6,846	4,217	(NA)	12,038
100 to 249 employees.....	95	55	15,019	12,072	13,011	8,818	(NA)	22,803
250 to 499 employees.....	34	13	12,189	13,070	10,603	9,389	(NA)	27,111
500 employees or more.....	9	...	6,979	7,492	6,316	5,797	(NA)	11,137

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

NA Data not available.

Table 4.--GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS, CLASSIFIED BY VALUE ADDED BY MANUFACTURE, FOR PUERTO RICO: 1954 AND 1949

(See Introduction for explanation of column captions)

Value added by manufacture	Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages (\$1,000)	Value added by manufacture (\$1,000)
			Number (average for year)	Salaries and wages, total (\$1,000)	Number (average for year)	Wages, total (\$1,000)		
1954								
All establishments, total.....	1,938	1,298	69,022	83,263	60,336	59,289	6,034	188,331
Establishments with value added of--								
Less than \$5,000.....	535	488	2,561	2,921	2,257	2,106	6	1,061
\$5,000 to \$9,999.....	285	255	1,666	1,282	1,547	1,120	21	1,951
\$10,000 to \$19,999.....	308	254	2,942	2,450	2,609	2,006	85	4,157
\$20,000 to \$49,999.....	279	161	5,876	5,284	5,153	3,950	334	8,667
\$50,000 to \$99,999.....	167	72	6,845	6,549	5,928	4,786	1,791	11,881
\$100,000 to \$199,999.....	158	45	13,498	12,544	12,115	9,521	2,064	22,499
\$200,000 to \$499,999.....	120	18	14,929	16,501	13,395	12,242	944	36,633
\$500,000 to \$999,999.....	50	(D)	9,732	13,346	8,291	8,846	787	33,207
\$1,000,000 or over.....	36	(D)	10,973	22,386	9,041	14,712	2	68,275
1949								
All establishments, total.....	1,998	1,821	55,137	49,205	47,735	35,736	(NA)	93,421
Establishments with value added of--								
Less than \$5,000.....	1,042	1,040	3,890	1,687	3,447	1,372	(NA)	1,481
\$5,000 to \$9,999.....	272	278	2,798	1,753	2,509	1,405	(NA)	1,966
\$10,000 to \$19,999.....	203	194	2,841	1,929	2,472	1,564	(NA)	2,823
\$20,000 to \$49,999.....	201	169	7,081	4,476	6,078	3,346	(NA)	6,499
\$50,000 to \$99,999.....	116	67	7,743	5,136	6,751	3,635	(NA)	7,902
\$100,000 to \$199,999.....	65	36	5,536	5,208	4,574	3,554	(NA)	9,168
\$200,000 to \$499,999.....	51	25	8,219	7,219	7,070	5,205	(NA)	14,518
\$500,000 to \$999,999.....	30	(D)	8,920	10,944	7,831	8,145	(NA)	22,050
\$1,000,000 or over.....	18	(D)	8,109	10,852	7,003	7,510	(NA)	27,012

D Withheld to avoid disclosing figures for individual companies.

NA Data not available.

1954 PUERTO RICO CENSUS OF MANUFACTURES

Table 5.--GENERAL STATISTICS FOR PUERTO RICO, BY MAJOR INDUSTRY GROUP: 1954 AND 1949

(Dollar figures in thousands. See Introduction for explanation of column captions)

Ind. code	Major industry group	Number of establish- ments	Number of proprietors and working partners	All employees		Production workers		Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total	
	1954							
	All industries, total.....	1,938	1,298	69,022	\$83,263	60,336	\$59,289	\$188,331
20	Food and kindred products.....	497	369	18,864	30,185	14,999	19,185	71,599
21	Tobacco manufactures.....	259	232	9,758	6,718	9,460	6,093	11,427
22	Textile mill products.....	36	(D)	2,774	3,330	2,505	2,682	8,618
23	Apparel and related products.....	341	205	17,645	14,093	16,212	11,741	31,102
24	Lumber and wood products (except furniture).....	38	31	307	435	260	319	1,410
25	Furniture and fixtures.....	202	168	2,812	3,022	2,566	2,462	5,739
26	Paper and allied products.....	9	(D)	463	906	406	600	3,137
27	Printing and publishing industries.....	93	73	1,311	2,210	878	1,259	4,428
28	Chemicals and allied products.....	71	25	1,449	2,677	1,073	1,228	7,555
29	Products of petroleum and coal.....	3	...	(D)	(D)	(D)	(D)	(D)
30	Rubber products.....	6	...	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.....	28	9	1,675	1,923	1,411	1,301	3,236
32	Stone, clay, and glass products.....	132	97	3,127	4,975	2,675	3,499	9,445
33	Primary metal industries.....	10	9	81	77	78	69	426
34	Fabricated metal products.....	60	40	1,155	2,198	992	1,359	6,349
35	Machinery (except electrical).....	19	5	702	1,520	592	1,067	2,689
36	Electrical machinery.....	31	(D)	1,454	2,198	1,267	1,338	4,786
37	Transportation equipment.....	5	3	101	139	89	115	454
38	Instruments and related products.....	12	(D)	1,056	1,535	932	1,065	2,364
39	Miscellaneous manufactures.....	86	26	4,143	4,816	3,829	3,700	12,911
	1949							
	All industries, total.....	1,998	1,821	55,137	\$49,205	47,735	\$35,736	\$93,421
20	Food and kindred products.....	526	473	23,243	25,516	19,615	18,251	52,432
21	Tobacco manufactures.....	626	609	7,116	3,403	6,732	2,956	6,743
22	Textile mill products.....	10	(D)	1,450	596	1,273	475	607
23	Apparel and related products.....	263	244	10,805	6,464	9,361	4,933	9,251
24	Lumber and wood products (except furniture).....	51	53	327	302	313	245	611
25	Furniture and fixtures.....	186	193	1,888	1,519	1,727	1,229	2,338
26	Paper and allied products.....	5	(D)	294	352	258	263	825
27	Printing and publishing industries.....	77	63	1,459	2,216	975	1,266	3,670
28	Chemicals and allied products.....	49	21	1,268	1,510	1,011	884	4,394
29	Products of petroleum and coal.....	...	...	...	...	...	...	...
30	Rubber products.....	1	(D)	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.....	22	12	911	611	859	446	925
32	Stone, clay, and glass products.....	87	82	2,562	3,097	2,224	2,162	6,353
33	Primary metal industries.....	1	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	33	32	310	338	290	292	710
35	Machinery (except electrical).....	13	9	617	949	517	670	1,352
36	Electrical machinery.....	1	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	1	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	2	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufactures.....	44	26	2,389	1,591	2,230	1,275	2,451

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

SUMMARY STATISTICS

5

Table 6.--MANUFACTURING EMPLOYMENT AND PAYROLLS, BY MAJOR INDUSTRY GROUP, FOR PUERTO RICO: 1950

(Dollar figures in thousands. See Introduction for explanation of column captions)

Ind. code	Major industry group	Number of proprietors	Working partners		Production workers		All other employees		Home-workers, wages
			Number (average for year)	Salaries, total	Number (average for year)	Wages, total	Number (average for year)	Salaries and wages, total	
	All industries, total.....	1,181	117	\$531	60,336	\$59,289	8,686	\$23,974	\$6,034
20	Food and kindred products.....	316	53	191	14,999	19,185	3,865	11,000	20
21	Tobacco manufactures.....	(D)	(D)	(D)	9,460	6,093	298	625	7
22	Textile mill products.....	(D)	...	...	2,505	2,682	269	648	12
23	Apparel and related products.....	177	28	244	16,212	11,741	1,433	2,352	4,863
24	Lumber and wood products (except furniture)..	31	...	...	260	319	47	116	...
25	Furniture and fixtures.....	160	8	13	2,566	2,462	246	560	3
26	Paper and allied products.....	(D)	...	...	406	600	57	306	882
27	Printing, publishing, and allied industries..	63	10	34	878	1,259	433	951	2
28	Chemicals and allied products.....	(D)	(D)	(D)	1,073	1,228	376	1,449	3
29	Products of petroleum and coal.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	Rubber products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.....	9	...	...	1,411	1,301	264	622	159
32	Stone, clay, and glass products.....	(D)	(D)	(D)	2,675	3,499	452	1,476	...
33	Primary metal industries.....	9	...	...	78	69	3	8	...
34	Fabricated metal products.....	33	7	20	992	1,359	163	839	1
35	Machinery (except electrical).....	(D)	(D)	(D)	592	1,067	110	453	1
36	Electrical machinery.....	(D)	...	...	1,267	1,338	187	860	2
37	Transportation equipment.....	3	...	...	89	115	12	24	...
38	Instruments and related products.....	(D)	...	...	932	1,065	124	470	...
39	Miscellaneous manufactures.....	23	3	6	3,829	3,700	314	1,116	79

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

Table 7.--GENERAL STATISTICS FOR PUERTO RICO, BY FORM OF ORGANIZATION: 1954 AND 1949

(Dollar figures in thousands. See Introduction for explanation of items)

Item	All industries	Legal form of organization				
		Individual proprietor	Partnership	Corporation	Cooperative	Other ¹
1954						
Number of establishments.....	1,938	1,181	95	622	22	18
Proprietors and working partners, number.....	1,298	1,181	117	...	...	...
All employees:						
Number (average for the year).....	69,022	14,096	3,311	47,063	3,680	872
Salaries and wages, total.....	\$83,263	\$10,509	\$3,041	\$65,897	\$2,699	\$1,117
Production and related workers:						
Number (average for the year).....	60,336	12,975	2,974	40,201	3,413	773
Wages, total.....	\$59,289	\$9,168	\$2,496	\$44,583	\$2,101	\$941
All other employees:						
Number (average for the year).....	8,686	1,121	337	6,862	267	99
Salaries and wages, total.....	\$23,974	\$1,341	\$545	\$21,859	\$598	\$176
Homeworkers, wages.....	\$6,034	\$2,911	\$989	\$2,099	\$19	\$16
Value added by manufacture.....	\$188,331	\$20,800	\$6,339	\$153,752	\$4,183	\$3,257
1949						
Number of establishments.....	1,998	1,500	121	315	(²)	² 62
Proprietors and working partners, number.....	1,821	1,500	321	...	...	...
All employees:						
Number (average for the year).....	55,137	15,417	4,170	27,846	(²)	² 7,704
Salaries and wages, total.....	\$49,205	\$9,234	\$3,206	\$29,381	(²)	² \$7,384
Production and related workers:						
Number (average for the year).....	47,735	13,576	3,772	23,311	(²)	² 7,076
Wages, total.....	\$35,736	\$7,696	\$2,503	\$19,584	(²)	² \$5,953
All other employees:						
Number (average for the year).....	7,402	1,841	398	4,535	(²)	² 628
Salaries and wages, total.....	\$13,469	\$1,537	\$704	\$9,797	(²)	² \$1,431
Value added by manufacture.....	\$93,421	\$14,120	\$6,796	\$58,530	(²)	² \$13,975

... Represents zero.

¹ Includes establishments operated by estate administrators, trusteeships, receiverships, and public and quasi-public organizations.² Statistics for cooperatives included with "other" forms of ownership.

1954 PUERTO RICO CENSUS OF MANUFACTURES

Table 8.--GENERAL STATISTICS FOR PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS: 1954

(Dollar figures in thousands. See Introduction for explanation of terms)

Item	All establishments	Year establishment began operations							
		Before 1949	1949	1950	1951	1952	1953	1954	Not reported
Number of establishments.....	1,938	933	84	101	112	169	194	191	154
Proprietors and working partners, number.....	1,298	681	42	61	71	91	99	110	143
All employees:									
Number (average for the year).....	69,022	39,081	4,290	3,487	3,533	7,560	7,167	2,874	1,030
Salaries and wages, total.....	\$83,263	\$51,612	\$4,650	\$3,283	\$4,613	\$8,465	\$6,917	\$2,902	\$821
Production and related workers:									
Number (average for the year).....	60,336	33,518	3,811	3,152	2,992	6,660	6,617	2,615	971
Wages, total.....	\$59,289	\$35,596	\$3,546	\$2,469	\$3,075	\$6,245	\$5,546	\$2,163	\$649
All other employees:									
Number (average for the year).....	8,686	5,563	479	335	541	900	550	259	59
Salaries and wages, total.....	\$23,974	\$16,016	\$1,104	\$814	\$1,538	\$2,220	\$1,371	\$739	\$172
Homeworkers, wages.....	\$6,034	\$4,703	\$318	\$186	\$92	\$367	\$249	\$4	\$115
Value added by manufacture.....	\$188,331	\$111,852	\$11,644	\$8,436	\$8,984	\$21,204	\$17,143	\$7,545	\$1,523

Table 9.--GENERAL STATISTICS FOR PUERTO RICO, BY TAX STATUS OF ESTABLISHMENT: 1954

(Dollar figures in thousands. See Introduction for explanation of terms)

Item	All industries	Tax exempt			Not tax exempt		
		Total	EDA ¹ aided	Not aided by EDA	Total	EDA aided	Not aided by EDA
Number of establishments.....	1,938	381	258	123	1,557	26	1,531
Proprietors and working partners, number.....	1,298	57	6	51	1,241	7	1,234
All employees:							
Number (average for the year).....	69,022	26,547	21,067	5,480	42,475	1,140	41,335
Salaries and wages, total.....	\$83,263	\$30,213	\$24,122	\$6,091	\$53,050	\$2,018	\$51,032
Production and related workers:							
Number (average for the year).....	60,336	23,938	19,041	4,897	36,398	943	35,455
Wages, total.....	\$59,289	\$22,581	\$18,118	\$4,463	\$36,708	\$1,362	\$35,346
All other employees:							
Number (average for the year).....	8,686	2,609	2,026	583	6,077	197	5,880
Salaries and wages, total.....	\$23,974	\$7,632	\$6,004	\$1,628	\$16,342	\$656	\$15,686
Homeworkers, wages.....	\$6,034	\$273	\$255	\$18	\$5,761	\$655	\$5,106
Value added by manufacture.....	\$188,331	\$72,788	\$60,510	\$12,278	\$115,543	\$4,963	\$110,580

¹ Economic Development Administration.

INDUSTRY STATISTICS

(7)

Table 1.--NUMBER OF ESTABLISHMENTS, EMPLOYMENT AND PAYROLL, AND VALUE ADDED BY

(Dollar figures in thousands. See Intro)

Industry code	Industry group and industry	1954							
		Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
	All industries, total.....	1,938	1,298	69,022	\$83,263	60,336	\$59,289	\$6,034	\$188,331
20	Food and kindred products ²	497	369	18,864	30,185	14,999	19,185	20	71,599
2013	Sausages and other prepared meats.....	2	...	(D)	(D)	(D)	(D)	...	(D)
202	Dairy products.....	23	10	928	1,617	486	694	...	5,594
2022	Natural cheese.....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
2024	Ice cream and ices.....	7	(D)	163	280	128	131	...	634
2025	Special dairy products.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2026	Pasteurizing and bottling of fluid milk ³	12	4	745	1,319	340	547	...	4,922
203	Canning, preserving, and freezing.....	41	19	1,412	1,026	1,322	806	1	2,897
2031	Canned sea food.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2033	Canning and preserving (except fish).....	33	15	1,158	783	1,082	609	...	1,382
2035	Pickles and sauces.....	7	(D)	(D)	(D)	(D)	(D)	1	(D)
2037	Frozen fruits, fruit juices and vegetables...	...	...	...	...	...	...	...	...
2042	Prepared animal feeds.....	2	...	(D)	(D)	(D)	(D)	...	(D)
205	Bakery products ²	258	244	2,486	2,603	1,993	1,986	16	4,842
2051	Bread and other bakery products ²	249	237	2,067	2,152	1,643	1,708	16	3,706
2052	Biscuits, crackers, and pretzels.....	9	7	419	451	350	278	...	1,136
206	Sugar.....	37	7	9,720	17,920	8,282	12,328	2	33,934
2061	Raw cane sugar.....	33	7	9,155	16,966	7,781	11,594	2	30,718
2062	Cane-sugar refining.....	4	...	565	954	501	734	...	3,216
207	Confectionery and related products.....	12	8	270	313	230	194	1	787
2071	Confectionery products.....	9	(D)	211	(D)	186	(D)	(D)	(D)
2072	Chocolate and cocoa products.....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2073	Chewing gum.....	1	...	(D)	(D)	(D)	(D)	...	(D)
208	Beverages.....	51	16	3,101	5,774	2,069	2,716	...	21,308
2081	Bottled soft drinks.....	26	11	861	1,410	465	498	...	3,160
2082	Malt liquors.....	4	(D)	(D)	(D)	(D)	(D)	...	(D)
2084	Wines and brandy.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
2085	Distilled liquors (except brandy).....	19	3	1,137	1,706	883	768	...	5,708
209	Miscellaneous food preparations.....	71	65	906	877	581	425	...	2,208
2092	Shortening and cooking oils.....	...	...	...	...	...	...	...	...
2095	Flavoring extracts and sirups.....	7	6	65	27	64	24	...	44
2097	Manufactured ice.....	21	20	376	336	160	123	...	516
2098	Macaroni and spaghetti.....	7	7	146	136	134	109	...	293
2099	Food preparations, n.e.c.....	36	32	319	378	223	169	...	1,355
21	Tobacco manufactures ⁴	259	232	9,758	6,718	9,460	6,093	7	11,427
2121	Cigars ⁴	204	199	1,239	1,044	1,194	929	3	2,274
2131	Chewing and smoking tobacco.....	9	8	39	19	37	14	...	43
2141	Tobacco stemming and redrying.....	46	25	8,480	5,655	8,229	5,150	4	9,110
22	Textile mill products.....	36	(D)	2,774	3,330	2,505	2,682	12	8,618
2221	Yarn mills.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2231	Broad-woven fabric mills (cotton, silk, and synthetic fiber).....	3	...	581	(D)	541	(D)	...	(D)
225	Knitting mills.....	17	...	1,064	1,226	966	962	11	2,671
2251	Full-fashioned hosiery mills.....	4	...	285	464	252	360	...	857
2252	Seamless hosiery mills.....	1	...	(D)	(D)	(D)	(D)	...	(D)
2253	Knit outerwear mills.....	8	...	430	417	386	307	11	1,278
2255	Knit glove mills.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2256	Knit fabric mills.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2261	Dyeing and finishing textiles (except woolen and worsted textiles and knit goods).....	2	...	(D)	(D)	(D)	(D)	(D)	(D)
227	Carpets and rugs.....	7	(D)	855	767	796	663	...	2,274
2271	Wool carpets, rugs, and carpet yarns.....	6	...	(D)	(D)	(D)	(D)	...	(D)
2273	Carpets and rugs, n.e.c.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
228	Hats (except cloth and millinery).....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
2282	Wool-felt hats and hat bodies.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2283	Straw hats.....	2	...	(D)	(D)	(D)	(D)	...	(D)
229	Miscellaneous textile goods.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2294	Processed waste and recovered fibers.....	1	...	(D)	(D)	(D)	(D)	...	(D)
2298	Cordage and twine.....	1	...	(D)	(D)	(D)	(D)	...	(D)

See footnotes at end of table.

INDUSTRY STATISTICS

9

MANUFACTURE, FOR INDUSTRY GROUPS AND INDUSTRIES IN PUERTO RICO: 1954, 1952, AND 1949

duction for explanation of column captions)

1952					1949				Industry code
Number of estab- lishments	All employees		Home- workers, wages	Value added by manufacture	Number of estab- lishments	All employees		Value added by manufacture	
	Number (average for year)	Salaries and wages, total				Number (average for year)	Salaries and wages, total		
(1)	(1)	(1)	(1)	(1)	1,998	55,137	\$49,205	\$93,421	
503	18,520	\$26,175	...	\$54,700	526	23,243	25,516	52,432	20
2	(D)	(D)	...	(D)	2	(D)	(D)	(D)	2013
16	235	290	...	738	31	311	391	651	202
4	18	13	...	38	4	37	32	47	2022
12	217	277	...	700	27	274	360	604	2024
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2025
37	1,092	(D)	...	(D)	23	1,159	650	906	2026
...	...	...	...	...	...	...	...	...	203
28	951	460	...	1,026	19	1,132	630	824	2031
6	58	39	...	153	4	27	19	83	2033
3	83	(D)	...	(D)	...	...	...	...	2035
...	...	...	...	...	1	(D)	(D)	(D)	2037
285	2,371	2,332	...	4,479	277	2,750	2,441	3,928	2042
280	1,938	1,886	...	3,600	265	2,235	1,995	3,144	205
5	433	446	...	879	12	515	446	784	2051
36	10,509	17,206	...	33,795	41	14,241	17,246	35,704	2052
30	9,909	16,480	...	28,359	36	13,562	16,496	32,228	206
6	600	726	...	5,436	5	679	750	3,476	2061
8	315	(D)	...	(D)	10	464	(D)	(D)	2062
5	269	(D)	...	(D)	6	323	(D)	(D)	207
2	(D)	(D)	...	(D)	4	141	116	329	2071
1	(D)	(D)	...	(D)	...	...	...	...	2072
57	3,114	(D)	...	(D)	73	3,174	3,533	8,527	2073
26	783	1,051	...	2,716	33	863	927	1,973	208
4	1,075	1,993	...	6,639	4	799	1,050	2,419	2081
5	36	(D)	...	(D)	5	85	57	282	2082
22	1,220	1,571	...	4,370	31	1,427	1,499	3,852	2084
62	873	840	...	2,193	68	1,085	889	1,659	2085
...	...	...	...	...	1	(D)	(D)	(D)	209
5	27	13	...	21	3	(D)	(D)	(D)	2092
23	374	376	...	1,230	29	515	445	640	2095
7	145	132	...	418	10	193	185	300	2097
27	327	319	...	524	25	361	245	703	2098
(NA)	(NA)	(NA)	(NA)	(NA)	626	7,116	3,403	6,743	2099
(NA)	(NA)	(NA)	(NA)	(NA)	577	1,097	496	935	21
(NA)	(NA)	(NA)	(NA)	(NA)	7	75	35	42	2121
(NA)	(NA)	(NA)	(NA)	(NA)	42	5,944	2,873	5,767	2131
33	2,976	3,160	(D)	4,769	10	1,450	596	607	2141
...	...	...	...	...	1	(D)	(D)	(D)	22
4	751	1,021	...	1,282	2	(D)	(D)	(D)	2221
13	864	849	(D)	1,124	3	135	(D)	(D)	2231
5	271	(D)	...	(D)	3	135	(D)	(D)	225
2	(D)	(D)	(D)	(D)	...	...	...	...	2251
3	114	109	...	286	...	...	...	...	2252
1	(D)	(D)	...	(D)	...	...	...	...	2253
2	(D)	(D)	...	(D)	...	...	...	...	2255
4	202	(D)	...	(D)	...	...	...	...	2256
7	895	834	...	1,423	3	446	(D)	(D)	2261
5	(D)	(D)	...	(D)	2	(D)	(D)	(D)	227
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2271
3	68	83	...	212	1	(D)	(D)	(D)	2273
1	(D)	(D)	...	(D)	...	...	...	...	228
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2282
2	(D)	(D)	...	(D)	...	...	...	...	2283
1	(D)	(D)	...	(D)	...	...	...	...	229
1	(D)	(D)	...	(D)	...	...	...	...	2294
1	(D)	(D)	...	(D)	...	...	...	...	2298

Table 1.--NUMBER OF ESTABLISHMENTS, EMPLOYMENT AND PAYROLL, AND VALUE ADDED BY MANUFACTURE,

(Dollar figures)

Industry code	Industry group and industry	1954							
		Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
23	Apparel and related products.....	341	205	17,645	\$14,093	16,212	\$11,741	\$4,863	\$31,102
2311	Men's and boys' suits and coats.....	5	12	310	344	284	287	...	477
232	Men's and boys' furnishings.....	70	41	4,159	3,654	3,842	2,897	663	6,554
2321	Men's dress shirts and nightwear.....	29	19	1,628	1,394	1,466	1,048	32	2,292
2322	Men's and boys' underwear.....	4	3	201	196	188	150	...	277
2323	Men's and boys' neckwear.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2325	Men's and boys' cloth hats and caps.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2327	Men's and boys' separate trousers.....	26	15	1,219	1,017	1,117	737	613	1,715
2328	Work shirts.....	1	(D)	(D)	...	(D)	(D)	...	(D)
2329	Men's and boys' clothing, n.e.c.....	6	(D)	435	361	409	309	18	690
233	Women's and misses' outerwear.....	53	28	2,210	1,827	2,007	1,522	287	3,901
2331	Blouses and waists.....	26	12	1,074	837	996	703	220	1,534
2333	Dresses.....	11	9	102	91	85	70	9	175
2334	Household apparel.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
2337	Suits, coats (except fur), and skirts.....	9	5	230	101	207	76	...	181
2338	Neckwear and scarfs.....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2339	Outerwear, n.e.c.....	4	(D)	(D)	(D)	(D)	(D)	...	(D)
234	Women's and children's undergarments.....	51	17	4,116	3,476	3,846	2,963	130	7,828
2341	Women's and children's underwear.....	27	17	1,163	802	1,057	654	130	1,428
2342	Corsets and allied garments.....	24	...	2,953	2,674	2,789	2,309	...	6,400
236	Children's outerwear.....	39	27	1,467	1,139	1,316	981	447	2,875
2361	Dresses.....	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2369	Outerwear, n.e.c.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2371	Fur goods.....	...	...	...	...	...	...	...	...
238	Miscellaneous apparel and accessories.....	79	56	4,241	2,802	3,921	2,414	3,027	7,438
2381	Fabric and combination dress gloves.....	27	(D)	(D)	(D)	(D)	(D)	2,229	(D)
2382	Fabric and combination work gloves.....	...	...	...	...	...	...	...	...
2387	Belts.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
2388	Handkerchiefs.....	50	40	3,009	1,766	2,826	1,624	798	3,264
239	Miscellaneous fabricated textiles.....	44	24	1,142	851	996	677	309	2,029
2391	Curtains and draperies.....	1	...	(D)	(D)	(D)	(D)	...	(D)
2392	House furnishings, n.e.c.....	13	10	216	132	186	107	107	305
2393	Textile bags.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2394	Canvas products.....	6	(D)	32	40	27	32	...	68
2396	Trimings, stamped art goods, and art needle-work.....	4	...	180	137	174	117	...	415
2398	Embroideries (except Schiffli-machine).....	16	7	571	436	479	335	202	855
2399	Fabricated textile products, n.e.c.....	3	...	(D)	(D)	(D)	(D)	...	(D)
24	Lumber and wood products (except furniture).....	38	31	307	435	260	319	...	1,410
2421	Sawmills and planing mills, general.....	...	...	...	...	...	...	...	...
2431	Millwork plants.....	32	28	252	359	211	259	...	664
244	Wooden containers.....	3	(D)	25	(D)	24	(D)	...	(D)
2441	Fruit and vegetable baskets.....	...	...	...	...	...	...	...	...
2442	Rattan and willowware (except furniture and fruit and vegetable baskets).....	3	(D)	25	(D)	24	(D)	...	(D)
2444	Wooden boxes (except cigar boxes).....	...	...	...	...	...	...	...	...
2499	Wood products, n.e.c.....	3	(D)	30	(D)	25	(D)	...	(D)
25	Furniture and fixtures.....	202	168	2,812	3,022	2,566	2,462	3	5,739
251	Household furniture.....	196	164	2,782	2,994	2,538	2,437	3	5,686
2511	Wood house furniture (except upholstered)....	163	146	2,066	2,030	1,949	1,770	3	3,807
2512	Household furniture, upholstered.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
2513	Reed and rattan furniture.....	5	(D)	(D)	(D)	(D)	(D)	...	(D)
2514	Metal household furniture.....	7	3	155	190	138	147	...	366
2515	Mattresses and bedsprings.....	19	10	478	667	380	448	...	1,300
2519	Household furniture, n.e.c.....	...	...	...	...	...	...	...	...
2521	Wood office furniture.....	...	...	...	...	...	...	...	...
2531	Public-building and related furniture.....	4	(D)	(D)	(D)	(D)	(D)	...	(D)
2541	Partitions and fixtures.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
256	Screens, shades, and blinds.....	1	...	(D)	(D)	(D)	(D)	...	(D)
2561	Window and door screens.....	...	...	...	...	...	...	...	...
2563	Venetian blinds.....	1	...	(D)	(D)	(D)	(D)	...	(D)

See footnotes at end of table.

INDUSTRY STATISTICS

11

FOR INDUSTRY GROUPS AND INDUSTRIES IN PUERTO RICO: 1954, 1952, AND 1949--Continued

in thousands)

1952					1949				Industry code
Number of estab- lishments	All employees		Home- workers, wages	Value added by manufacture	Number of estab- lishments	All employees		Value added by manufacture	
	Number (average for year)	Salaries and wages, total				Number (average for year)	Salaries and wages, total		
286	13,389	\$9,689	\$6,356	\$22,227	263	10,805	\$6,464	\$9,251	23
6	506	578	8	865	11	684	549	861	2311
63	2,772	1,985	(D)	3,490	68	2,216	1,381	1,993	232
18	1,082	772	31	1,516	17	741	541	781	2321
6	360	(D)	(D)	(D)	7	79	(D)	(D)	2322
1	...	(D)	...	(D)	...	...	...	...	2323
1	(D)	(D)	...	(D)	3	78	(D)	(D)	2325
28	1,076	745	63	1,303	35	1,058	603	920	2327
1	(D)	(D)	5	(D)	...	...	...	...	2328
8	134	126	10	159	6	260	129	132	2329
38	1,769	1,268	563	2,426	33	1,149	562	701	233
25	1,225	909	469	1,711	18	757	387	497	2331
6	151	(D)	(D)	(D)	14	(D)	(D)	(D)	2333
1	(D)	(D)	...	(D)	...	...	...	...	2334
2	(D)	(D)	...	(D)	...	...	...	...	2337
2	(D)	(D)	(D)	(D)	...	...	...	...	2338
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2339
37	2,017	1,589	223	3,395	31	1,401	831	1,076	234
25	731	512	223	992	29	(D)	(D)	(D)	2341
12	1,286	1,077	...	2,403	2	(D)	(D)	(D)	2342
25	1,117	755	407	1,255	27	946	552	711	236
25	1,117	755	407	1,255	26	(D)	(D)	(D)	2361
...	...	...	...	...	1	(D)	(D)	(D)	2369
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2371
82	(D)	(D)	(D)	(D)	74	3,828	2,284	3,485	238
28	1,043	726	3,271	4,872	28	(D)	(D)	(D)	2381
...	...	...	...	...	1	(D)	(D)	(D)	2382
2	(D)	(D)	...	(D)	...	...	...	...	2387
52	3,188	2,077	1,465	4,250	45	2,453	1,517	2,030	2388
34	937	666	305	1,616	18	(D)	(D)	(D)	239
...	...	...	...	...	1	(D)	(D)	(D)	2391
10	226	137	115	375	8	395	147	177	2392
...	...	...	...	...	...	...	...	...	2393
5	19	23	...	43	6	51	48	80	2394
1	(D)	(D)	...	(D)	...	...	...	...	2396
8	(D)	(D)	108	(D)	1	(D)	(D)	(D)	2398
10	222	148	82	368	2	(D)	(D)	(D)	2399
33	319	369	...	955	51	327	302	611	24
1	(D)	(D)	...	(D)	3	(D)	(D)	(D)	2421
30	301	353	...	940	43	300	289	589	2431
1	(D)	(D)	...	(D)	2	(D)	(D)	(D)	244
...	...	...	...	...	1	(D)	(D)	(D)	2441
1	(D)	(D)	...	(D)	...	...	...	...	2442
...	...	...	...	...	1	(D)	(D)	(D)	2444
1	(D)	(D)	...	(D)	3	17	9	13	2499
146	2,519	2,170	...	4,035	186	1,888	1,519	2,338	25
142	2,341	2,111	...	3,918	177	1,837	1,468	2,205	251
116	1,787	1,472	...	2,581	152	1,443	1,071	1,467	2511
3	89	(D)	...	(D)	7	93	(D)	(D)	2512
2	(D)	(D)	...	(D)	...	...	...	...	2513
4	(D)	(D)	...	(D)	4	(D)	(D)	(D)	2514
17	366	421	...	936	13	266	276	511	2515
...	...	...	...	...	1	(D)	(D)	(D)	2519
1	(D)	(D)	...	(D)	4	28	(D)	(D)	2521
...	...	...	...	...	...	...	...	...	2531
2	(D)	(D)	...	(D)	3	(D)	(D)	(D)	2541
1	(D)	(D)	...	(D)	2	(D)	(D)	(D)	256
...	...	...	...	...	1	(D)	(D)	(D)	2561
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2563

Table 1.--NUMBER OF ESTABLISHMENTS, EMPLOYMENT AND PAYROLL, AND VALUE ADDED BY MANUFACTURE,

(Dollar figures)

Industry code	Industry group and industry	1954							
		Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
26	Paper and allied products.....	9	(D)	463	\$906	406	\$600	\$882	\$3,137
2612	Paper and paperboard mills (except building-paper and board).....	1	...	(D)	(D)	(D)	(D)	...	(D)
2613	Building-paper and building board.....	...	...	...	...	...	...	...	...
2661	Paper bags.....	2	...	(D)	(D)	(D)	(D)	(D)	(D)
2671	Paperboard boxes.....	5	(D)	281	583	253	387	873	797
2691	Die-cut paper and paperboard, and cardboard..	1	...	(D)	(D)	(D)	(D)	(D)	(D)
27	Printing and publishing industries.....	93	73	1,311	2,210	878	1,259	2	4,428
2711	Newspapers.....	3	...	541	1,172	195	418	...	2,700
2721	Periodicals.....	...	...	...	...	...	...	...	...
2751	Commercial printing.....	80	66	704	920	627	759	2	1,535
2761	Lithographing.....	2	...	(D)	(D)	(D)	(D)	...	(D)
278	Bookbinding and related industries.....	4	(D)	(D)	(D)	(D)	(D)	...	(D)
2781	Bookbinding.....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
2782	Blankbook making and paper ruling.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
279	Service industries for the printing trade.	4	3	33	61	30	52	...	140
2791	Typesetting.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2793	Photoengraving.....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
28	Chemicals and allied products.....	71	25	1,449	2,677	1,073	1,228	3	7,555
2819	Inorganic chemicals, n.e.c.....	1	...	(D)	(D)	(D)	(D)	...	(D)
282	Industrial organic chemicals.....	2	...	(D)	(D)	(D)	(D)	...	(D)
2823	Plastics materials and elastomers (except synthetic rubber).....	1	...	(D)	(D)	(D)	(D)	...	(D)
2825	Synthetic fibers.....	1	...	(D)	(D)	(D)	(D)	...	(D)
283	Drugs and medicines.....	33	11	437	933	249	310	3	2,818
2831	Biological products.....	...	...	...	...	...	...	...	...
2833	Inorganic and organic medicinal chemicals....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2834	Pharmaceutical preparations.....	32	(D)	(D)	(D)	(D)	(D)	3	(D)
2841	Soap and glycerin.....	1	...	(D)	(D)	(D)	...	...	(D)
2851	Paints and varnishes.....	4	(D)	45	65	37	37	...	165
2872	Fertilizers (mixing only).....	7	...	556	1,137	451	576	...	3,683
2884	Vegetable oil mills, n.e.c.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
289	Miscellaneous chemical products.....	22	12	248	252	200	123	...	563
2892	Natural essential oils.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
2893	Perfumes, cosmetics, and other toilet preparations.....	3	(D)	11	(D)	10	(D)	...	(D)
2896	Compressed and liquified gases.....	3	...	61	141	32	46	...	335
2897	Insecticides and fungicides.....	3	(D)	15	20	10	9	...	37
2898	Salt.....	10	5	142	71	131	53	...	109
2899	Chemicals and chemical products, n.e.c.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
29	Products of petroleum and coal.....	3	...	(D)	(D)	(D)	(D)	...	(D)
2951	Paving mixtures and blocks.....	3	...	(D)	(D)	(D)	(D)	...	(D)
2992	Lubricants not made in refineries.....	...	...	...	...	...	...	...	...
30	Rubber products.....	6	...	(D)	(D)	(D)	(D)	...	(D)
3021	Rubber footwear.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3099	Rubber products, n.e.c.....	5	...	94	200	71	132	...	301
31	Leather and leather products.....	28	9	1,675	1,923	1,411	1,301	159	3,236
3111	Leather tanning and finishing.....	3	(D)	126	(D)	109	(D)	...	(D)
314	Footwear (except rubber).....	12	4	1,017	1,328	812	894	144	2,087
3141	Footwear (except house slippers).....	5	(D)	732	923	543	574	...	1,287
3142	House slippers.....	7	(D)	285	405	269	320	144	800
3152	Leather work gloves and mittens.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3161	Luggage.....	5	4	32	35	26	18	...	50
317	Handbags and small leather goods.....	7	...	420	347	391	258	15	604
3171	Handbags and purses.....	5	...	(D)	(D)	(D)	(D)	(D)	(D)
3172	Small leather goods.....	2	...	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

INDUSTRY STATISTICS

13

FOR INDUSTRY GROUPS AND INDUSTRIES IN PUERTO RICO: 1954, 1952, AND 1949--Continued

in thousands)

1952					1949				Industry code
Number of establishments	All employees		Home-workers, wages	Value added by manufacture	Number of establishments	All employees		Value added by manufacture	
	Number (average for year)	Salaries and wages, total				Number (average for year)	Salaries and wages, total		
8	408	\$582	...	\$3,599	5	294	\$352	\$825	26
1	(D)	(D)	...	(D)	...	...	...	...	2612
...	...	...	...	...	1	(D)	(D)	(D)	2613
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2661
4	174	(D)	...	(D)	3	(D)	(D)	(D)	2671
2	(D)	(D)	...	(D)	...	...	...	...	2691
81	1,129	1,637	...	3,538	77	1,459	2,216	3,670	27
4	507	(D)	...	(D)	4	753	(D)	(D)	2711
...	...	...	...	...	3	63	(D)	(D)	2721
68	558	723	...	1,015	62	594	(D)	(D)	2751
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2761
4	(D)	(D)	...	(D)	3	(D)	(D)	(D)	278
...	...	...	...	...	...	...	...	...	2781
4	(D)	(D)	...	(D)	3	(D)	(D)	(D)	2782
4	(D)	(D)	...	(D)	4	20	(D)	(D)	279
1	(D)	(D)	...	(D)	...	...	...	...	2791
3	28	(D)	...	101	4	20	(D)	(D)	2793
57	1,369	2,162	...	7,381	49	1,268	1,510	4,394	28
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2819
1	(D)	(D)	...	20	...	...	...	...	282
1	(D)	(D)	...	20	...	...	...	...	2823
...	...	...	...	...	...	...	...	...	2825
28	(D)	(D)	...	(D)	21	(D)	(D)	(D)	283
...	...	...	...	...	1	(D)	(D)	(D)	2831
1	(D)	(D)	...	(D)	...	...	...	...	2833
27	366	603	...	1,421	20	209	231	542	2834
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2841
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	2851
7	593	1,078	...	3,814	7	504	659	2,731	2872
...	...	...	...	...	1	(D)	(D)	(D)	2884
17	227	201	...	515	17	384	409	822	289
2	(D)	(D)	...	(D)	...	...	...	...	2892
3	14	(D)	...	(D)	1	(D)	(D)	(D)	2893
2	(D)	(D)	...	(D)	6	239	354	716	2896
1	(D)	(D)	...	(D)	3	7	3	12	2897
7	130	52	...	76	7	(D)	(D)	(D)	2898
2	(D)	(D)	...	(D)	...	...	...	...	2899
1	(D)	(D)	...	(D)	...	...	...	...	29
...	...	...	...	...	...	...	...	...	2951
1	(D)	(D)	...	(D)	...	...	...	...	2992
...	...	...	...	...	1	(D)	(D)	(D)	30
...	...	...	...	...	...	...	...	...	3021
...	...	...	...	...	1	(D)	(D)	(D)	3099
28	1,371	1,200	\$244	2,607	22	911	611	925	31
5	112	(D)	...	(D)	1	(D)	(D)	(D)	3111
10	312	396	235	1,060	12	413	(D)	(D)	314
4	192	(D)	...	(D)	7	286	(D)	(D)	3141
6	120	(D)	235	(D)	5	127	(D)	(D)	3142
1	(D)	(D)	...	(D)	...	...	...	...	3152
3	(D)	(D)	...	(D)	2	(D)	(D)	(D)	3161
9	706	455	(D)	764	7	389	246	380	317
7	(D)	(D)	...	(D)	5	(D)	(D)	(D)	3171
2	(D)	(D)	(D)	(D)	2	(D)	(D)	(D)	3172

Table 1.--NUMBER OF ESTABLISHMENTS, EMPLOYMENT AND PAYROLL, AND VALUE ADDED BY MANUFACTURE,

(Dollar figures)

Industry code	Industry group and industry	1954							
		Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
32	Stone, clay, and glass products.....	132	97	3,127	\$4,975	2,675	\$3,499	...	\$9,445
322	Pressed and blown glassware.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3221	Glass containers.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3229	Pressed and blown glassware, n.e.c.....	...	...	...	...	...	...	...	...
3231	Products of purchased glass.....	2	2	(D)	(D)	(D)	(D)	...	(D)
3241	Cement, hydraulic.....	2	...	(D)	(D)	(D)	(D)	...	(D)
325	Structural clay products.....	3	(D)	161	(D)	117	(D)	...	(D)
3251	Brick and hollow tile.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3253	Floor and wall tile.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3259	Structural clay products, n.e.c.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
326	Pottery and related products.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
3262	Vitreous-china food utensils.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3263	Earthenware food utensils.....	...	...	...	...	...	...	...	...
3269	Pottery products, n.e.c.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
327	Concrete and plaster products.....	118	91	1,265	1,297	1,116	1,007	...	2,080
3271	Concrete products.....	112	(D)	(D)	(D)	(D)	(D)	...	(D)
3274	Lime.....	6	(D)	(D)	(D)	(D)	(D)	...	(D)
3281	Cut-stone and stone products.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
329	Miscellaneous nonmetallic mineral products	2	(D)	(D)	(D)	(D)	(D)	...	(D)
3292	Asbestos products.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3295	Minerals: ground or treated.....	...	...	...	...	...	...	...	...
3298	Statuary and art goods.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
33	Primary metal industries.....	10	9	81	77	78	69	...	426
331	Blast furnaces and steel mills.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
3311	Blast furnaces.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
3312	Steel works and rolling mills.....	...	...	...	...	...	...	...	...
332	Iron and steel foundries.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
3321	Gray-iron foundries.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
3322	Malleable-iron foundries.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
3361	Nonferrous foundries.....	6	6	39	28	38	28	...	52
3399	Primary metal industries, n.e.c.....	1	...	(D)	(D)	(D)	(D)	...	(D)
34	Fabricated metal products.....	60	40	1,155	2,198	992	1,359	\$1	6,349
3411	Tin cans and other tinware.....	1	...	(D)	(D)	(D)	(D)	...	(D)
342	Cutlery, hand tools, and hardware.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3421	Cutlery.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3429	Hardware, n.e.c.....	...	...	...	...	...	...	...	...
3439	Heating and cooking apparatus, n.e.c.....	2	...	(D)	(D)	(D)	(D)	...	(D)
344	Structural metal products.....	45	36	763	1,402	649	827	...	2,893
3441	Structural and ornamental products.....	26	27	367	759	336	486	...	1,294
3442	Metal doors, sash, and trim.....	12	4	343	579	274	301	...	1,487
3444	Sheet-metal work.....	7	5	53	64	39	40	...	112
3468	Plating and polishing.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3471	Lighting fixtures.....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
348	Fabricated wire products.....	2	...	(D)	(D)	(D)	(D)	...	(D)
3481	Nails and spikes.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3489	Wirework, n.e.c.....	1	...	(D)	(D)	(D)	(D)	...	(D)
349	Miscellaneous fabricated metal products...	6	(D)	204	392	182	277	...	1,452
3493	Steel springs.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3494	Bolts, nuts, washers, and rivets.....	2	...	(D)	(D)	(D)	(D)	...	(D)
3495	Screw-machine products.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3499	Fabricated metal products, n.e.c.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
35	Machinery (except electrical).....	19	5	702	1,520	592	1,067	1	2,689
3522	Farm machinery (except tractors).....	...	...	...	...	...	...	...	...
3543	Cutting tools, jigs, fixtures, etc.....	2	...	(D)	(D)	(D)	(D)	...	(D)
355	Special-industry machinery, n.e.c.....	4	(D)	26	34	24	23	...	82
3551	Food-products machinery.....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
3553	Woodworking machinery.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3566	Power-transmission equipment.....	1	...	(D)	(D)	(D)	(D)	...	(D)
358	Service and household machines.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3585	Refrigeration machinery.....	...	...	...	...	...	...	...	...
3589	Service and household machines, n.e.c.....	1	...	(D)	(D)	(D)	(D)	...	(D)
359	Miscellaneous machinery parts.....	11	3	549	1,265	463	914	1	2,286
3591	Valves and fittings, except plumbers'.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
3593	Ball and roller bearings.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
3599	Machine shops.....	9	3	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

INDUSTRY STATISTICS

15

FOR INDUSTRY GROUPS AND INDUSTRIES IN PUERTO RICO: 1954, 1952, AND 1949--Continued

in thousands)

1952					1949					Industry code
Number of establishments	All employees		Home-workers, wages	Value added by manufacture	Number of establishments	All employees		Value added by manufacture		
	Number (average for year)	Salaries and wages, total				Number (average for year)	Salaries and wages, total			
81	3,011	\$4,296	...	\$9,200	87	2,562	\$3,097	\$6,353	32	
2	(D)	(D)	...	(D)	2	(D)	(D)	(D)	322	
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3221	
...	...	...	...	...	1	(D)	(D)	(D)	3229
4	25	20	...	44	3	21	21	38	3231	
2	(D)	(D)	...	(D)	2	(D)	(D)	(D)	3241	
3	114	123	...	480	18	715	724	1,034	325	
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3251	
1	(D)	(D)	...	(D)	13	(D)	(D)	(D)	3253	
...	...	...	...	...	4	28	16	25	3259
3	413	489	...	569	5	366	(D)	(D)	326	
...	...	...	...	...	1	(D)	(D)	(D)	3262
1	(D)	(D)	...	(D)	...	...	...	...	3263
2	(D)	(D)	...	(D)	4	(D)	(D)	(D)	3269	
64	(D)	(D)	...	(D)	48	397	(D)	(D)	327	
62	1,026	1,014	...	(D)	42	317	268	497	3271	
2	(D)	(D)	...	(D)	6	80	(D)	(D)	3274	
...	...	...	...	...	7	46	71	183	3281
3	294	300	...	578	2	(D)	(D)	(D)	329	
1	(D)	(D)	...	(D)	...	...	...	...	3292
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3295	
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3298	
3	(D)	(D)	...	(D)	1	(D)	(D)	(D)	33	
...	...	...	...	...	1	(D)	(D)	(D)	331
...	...	...	...	...	...	...	...	...	3311
...	...	...	...	...	1	(D)	(D)	(D)	3312
...	...	...	...	...	...	...	...	...	332
...	...	...	...	...	...	...	...	...	3321
...	...	...	...	...	...	...	...	...	3322
3	(D)	(D)	...	(D)	...	...	...	...	3361
...	...	...	...	...	...	...	...	...	3399
41	411	537	...	1,469	33	310	338	710	34	
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3411	
1	(D)	(D)	...	(D)	...	...	...	...	342
...	...	...	...	...	...	...	...	...	3421
1	(D)	(D)	...	(D)	...	...	...	...	3429
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3439	
31	311	375	...	1,127	24	194	255	538	344	
16	86	99	...	180	15	123	153	251	3441	
7	123	143	...	745	3	(D)	(D)	(D)	3442	
8	102	133	...	202	6	(D)	(D)	(D)	3444	
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3468	
2	(D)	(D)	...	(D)	...	...	...	...	3471
...	...	...	...	...	...	...	...	...	348
...	...	...	...	...	...	...	...	...	3481
...	...	...	...	...	...	...	...	...	3489
3	23	59	...	142	6	68	(D)	(D)	349	
...	...	...	...	...	...	...	...	...	3493
1	(D)	(D)	...	(D)	...	...	...	...	3494
1	(D)	(D)	...	(D)	...	...	...	...	3495
1	(D)	(D)	...	(D)	6	68	(D)	(D)	3499	
19	911	1,467	...	2,907	13	617	949	1,352	35	
1	(D)	(D)	...	(D)	6	86	133	217	3522	
3	13	(D)	...	41	1	(D)	(D)	(D)	3543	
3	(D)	(D)	...	(D)	1	(D)	(D)	(D)	355	
3	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3551	
...	...	...	...	...	...	...	...	...	3553
1	(D)	(D)	...	(D)	...	...	...	...	3566
...	...	...	...	...	1	(D)	(D)	(D)	358
...	...	...	...	...	1	(D)	(D)	(D)	3585
...	...	...	...	...	...	...	...	...	3589
11	(D)	(D)	...	2,827	4	170	(D)	(D)	359	
2	(D)	(D)	...	(D)	...	...	...	...	3591
...	...	...	...	...	...	...	...	...	3593
9	847	1,392	...	2,774	4	170	(D)	(D)	3599	

1954 PUERTO RICO CENSUS OF MANUFACTURES

Table 1.--NUMBER OF ESTABLISHMENTS, EMPLOYMENT AND PAYROLL, AND VALUE ADDED BY MANUFACTURE,

(Dollar figures)

Industry code	Industry group and industry	1954							
		Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
36	Electrical machinery.....	31	(D)	1,454	\$2,198	1,267	\$1,338	\$2	\$4,786
361	Electrical industrial apparatus.....	6	...	247	327	222	223	2	1,116
3611	Wiring devices and supplies.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3613	Electric measuring instruments.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3614	Motors and generators.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3616	Transformers.....	2	...	(D)	(D)	(D)	(D)	(D)	(D)
3619	Electrical industrial apparatus, n.e.c.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
3621	Electrical appliances.....	4	(D)	101	170	91	121	...	663
3641	Engine electrical equipment.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3651	Electric lamps.....	1	...	(D)	(D)	(D)	(D)	...	(D)
366	Communication equipment.....	16	...	1,035	1,585	898	932	...	2,738
3661	Radios and related products.....	11	...	454	736	405	417	...	1,817
3662	Electronic tubes.....	3	...	(D)	(D)	(D)	(D)	...	(D)
3663	Phonograph records.....	2	...	(D)	(D)	(D)	(D)	...	(D)
369	Miscellaneous electrical products.....	3	(D)	31	(D)	19	(D)	...	(D)
3691	Storage batteries.....	2	...	(D)	(D)	(D)	(D)	...	(D)
3699	Electrical products, n.e.c.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
37	Transportation equipment.....	5	3	101	139	89	115	...	454
371	Motor vehicles and equipment.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
3713	Truck and bus bodies.....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
3714	Motor-vehicle parts and accessories.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3799	Transportation equipment, n.e.c.....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
38	Instruments and related products.....	12	(D)	1,056	1,535	932	1,065	...	2,364
3811	Scientific instruments.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3821	Mechanical measuring instruments.....	1	...	(D)	(D)	(D)	(D)	...	(D)
384	Medical instruments and supplies.....	4	(D)	(D)	(D)	(D)	(D)	...	(D)
3841	Surgical and medical instruments.....	...	...	...	...	...	...	...	...
3842	Surgical appliances and supplies.....	4	(D)	(D)	(D)	(D)	(D)	...	(D)
3851	Ophthalmic goods.....	5	...	716	1,193	620	817	...	1,798
3861	Photographic equipment.....	1	...	(D)	(D)	(D)	(D)	...	(D)
39	Miscellaneous manufactures.....	86	26	4,143	4,816	3,829	3,700	79	12,911
391	Jewelry and silverware.....	7	(D)	304	454	274	380	...	1,124
3911	Jewelry (precious metal).....	1	(D)	(D)	(D)	(D)	(D)	...	(D)
3912	Jewelers' findings.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3913	Lapidary work.....	5	(D)	(D)	(D)	(D)	(D)	...	(D)
394	Toys and sporting goods.....	12	(D)	596	538	566	453	...	1,051
3941	Games and toys, n.e.c.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3942	Dolls.....	3	(D)	(D)	(D)	(D)	(D)	...	(D)
3949	Sporting and athletic goods.....	8	...	404	396	390	350	...	683
395	Office supplies.....	2	...	(D)	(D)	(D)	(D)	...	(D)
3951	Pens and mechanical pencils.....	2	...	(D)	(D)	(D)	(D)	...	(D)
3953	Hand stamps and stencils.....	...	...	...	...	...	...	...	...
396	Costume jewelry and notions.....	24	4	1,771	1,664	1,681	1,384	33	2,779
3961	Costume jewelry.....	8	(D)	685	556	652	448	33	1,090
3962	Artificial flowers.....	6	(D)	426	291	419	279	...	421
3963	Buttons.....	5	(D)	546	681	504	550	...	928
3964	Needles, pins, and fasteners.....	5	...	114	136	106	107	...	340
3971	Plastic products, n.e.c.....	9	...	611	841	578	619	...	2,436
398-399	Miscellaneous manufactures.....	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3981	Brooms and brushes.....	4	(D)	216	221	202	178	...	297
3984	Candles.....	2	(D)	(D)	(D)	(D)	(D)	...	(D)
3985	Fireworks and pyrotechnics.....	4	3	14	7	14	7	...	17
3988	Morticians' goods.....	4	4	17	21	17	21	...	43
3993	Signs and advertising displays.....	8	8	47	53	42	48	1	106
3994	Hair work.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
3995	Umbrellas, parasols, and canes.....	2	...	(D)	(D)	(D)	(D)	...	(D)
3996	Tobacco pipes.....	1	...	(D)	(D)	(D)	(D)	...	(D)
3999	Miscellaneous products, n.e.c.....	6	(D)	81	92	78	82	36	152

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹ Comparable statistics are not available. In 1952, reports were not obtained for bakeries with fewer than 10 employees nor for establishments in the tobacco industry (major group 21).

² Data for 1952 include estimates for bakeries with fewer than 10 employees in order to provide comparability with 1949 and 1954 statistics.

³ Establishments primarily engaged in the pasteurization and bottling of fluid milk were not regarded as being within the scope of the Census of Manufactures in 1952 and 1949.

⁴ Tobacco manufactures were not included in the 1952 Census of Manufactures. Data for 1954 do not include 252 small cigar manufacturing establishments with no paid employees. These reported value added by manufacture of \$192 thousand.

INDUSTRY STATISTICS

17

FOR INDUSTRY GROUPS AND INDUSTRIES IN PUERTO RICO: 1954, 1952, AND 1949--Continued

in thousands)

1952					1949				Industry code
Number of estab- lishments	All employees		Home- workers, wages	Value added by manufacture	Number of estab- lishments	All employees		Value added by manufacture	
	Number (average for year)	Salaries and wages, total				Number (average for year)	Salaries and wages, total		
15	273	\$419	...	\$1,986	1	(D)	(D)	(D)	36
3	59	105	...	186	...	...	...	...	361
...	...	...	...	...	...	...	...	...	3611
1	(D)	(D)	...	(D)	...	...	...	...	3613
...	...	...	...	...	...	...	...	...	3614
1	(D)	(D)	...	(D)	...	...	...	...	3616
1	(D)	(D)	...	(D)	...	...	...	...	3619
2	(D)	(D)	...	(D)	...	...	...	...	3621
...	...	...	...	...	...	...	...	...	3641
1	(D)	(D)	...	(D)	...	...	...	...	3651
7	163	241	...	1,287	1	(D)	(D)	(D)	366
5	151	(D)	...	(D)	...	...	...	...	3661
...	...	...	...	...	...	...	...	...	3662
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3663
2	(D)	(D)	...	(D)	...	...	...	...	369
1	(D)	(D)	...	(D)	...	...	...	...	3691
1	(D)	(D)	...	(D)	...	...	...	...	3699
3	20	54	...	109	1	(D)	(D)	(D)	37
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	371
1	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3713
...	...	...	...	...	...	...	...	...	3714
2	(D)	(D)	...	(D)	...	...	...	...	3799
8	455	537	...	1,168	2	(D)	(D)	(D)	38
...	...	...	...	...	...	...	...	...	3811
...	...	...	...	...	...	...	...	...	3821
4	173	128	...	328	1	(D)	(D)	(D)	384
1	(D)	(D)	...	(D)	...	...	...	...	3841
3	(D)	(D)	...	(D)	1	(D)	(D)	(D)	3842
4	282	(D)	...	(D)	1	(D)	(D)	(D)	3851
...	...	...	...	...	...	...	...	...	3861
66	2,741	2,568	\$34	5,543	44	2,389	\$1,591	\$2,451	39
7	224	376	...	1,207	7	382	320	406	391
2	(D)	(D)	...	(D)	2	(D)	(D)	(D)	3911
1	(D)	(D)	...	(D)	...	...	...	...	3912
4	183	309	...	1,097	5	(D)	(D)	(D)	3913
10	456	349	...	781	1	(D)	(D)	(D)	394
2	(D)	(D)	...	(D)	...	...	...	...	3941
3	(D)	(D)	...	(D)	...	...	...	...	3942
5	138	92	...	168	1	(D)	(D)	(D)	3949
2	(D)	(D)	...	(D)	1	(D)	(D)	(D)	395
2	(D)	(D)	...	(D)	...	...	...	...	3951
...	...	...	...	...	1	(D)	(D)	(D)	3953
19	1,292	1,214	27	1,814	16	1,595	951	1,393	396
4	135	115	27	287	5	(D)	(D)	(D)	3961
6	476	371	...	458	5	629	375	380	3962
5	616	646	...	823	5	572	470	863	3963
4	65	82	...	246	1	(D)	(D)	(D)	3964
5	321	223	...	746	1	(D)	(D)	(D)	3971
23	417	348	(D)	637	18	306	(D)	(D)	398-399
4	172	(D)	...	(D)	4	(D)	(D)	(D)	3981
1	(D)	(D)	...	(D)	...	...	...	...	3984
3	10	6	...	17	...	...	...	...	3985
3	5	4	...	10	8	13	10	20	3988
6	27	34	...	78	4	19	20	33	3993
1	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	3994
2	(D)	(D)	...	(D)	...	...	...	...	3995
...	...	...	...	...	...	...	...	...	3996
3	99	(D)	...	(D)	1	(D)	(D)	(D)	3999

Table 2.--VALUE OF SHIPMENTS AND COST OF MATERIALS,

(Dollar figures in thousands. See Intro)

Industry code	Industry	1954					
		Number of establishments	Value added by manufacture	Cost of materials and contract work	Value of shipments		
					Total	Products sold	Contract receipts
2024	Ice cream and ices.....	7	\$634	\$677	\$1,311	\$1,311	...
2026	Pasteurizing and bottling of fluid milk ¹ ...	12	4,922	10,384	15,306	15,306	...
2033	Canning and preserving (except fish).....	33	1,382	3,190	4,572	4,572	...
2051	Bread and other bakery products.....	249	3,706	6,873	10,579	10,579	...
2052	Biscuits, crackers, and pretzels.....	9	1,136	1,886	3,022	3,022	...
2061	Raw cane sugar.....	33	30,718	94,536	125,254	125,145	\$109
2062	Cane-sugar refining.....	4	3,216	24,328	27,544	27,544	...
2081	Bottled soft drinks.....	26	3,160	2,800	5,960	5,924	36
2085	Distilled liquors (except brandy).....	19	5,708	4,545	10,253	10,253	...
2095	Flavoring extracts and sirups.....	7	44	76	120	120	...
2097	Manufactured ice.....	21	516	190	706	706	...
2098	Macaroni and spaghetti.....	7	293	747	1,040	1,040	...
2099	Food preparations, n.e.c.....	36	1,355	13,775	15,130	15,126	4
2121	Cigars ²	204	2,274	2,417	4,691	4,691	...
2131	Cheewing and smoking tobacco.....	9	43	89	132	132	...
2141	Tobacco stemming and redrying.....	46	9,110	8,564	17,673	17,514	159
2251	Full-fashioned hosiery mills.....	4	857	646	1,503	1,503	...
2253	Knit outerwear mills.....	8	1,278	1,989	3,267	2,787	480
2311	Men's and boys' suits and coats.....	5	477	992	1,470	1,470	...
2321	Men's dress shirts and nightwear.....	29	2,292	2,648	4,940	4,785	155
2322	Men's and boys' underwear.....	4	277	300	577	217	360
2327	Men's and boys' separate trousers.....	26	1,715	2,483	4,198	4,176	22
2329	Men's and boys' clothing, n.e.c.....	6	690	800	1,490	1,404	86
2331	Blouses and waists.....	26	1,534	784	2,318	1,269	1,049
2333	Women's and misses' dresses.....	11	175	324	499	494	5
2337	Suits, coats (except fur), and skirts.....	9	181	156	337	333	4
2341	Women's and children's underwear.....	27	1,428	1,114	2,542	2,059	483
2342	Corsets and allied garments.....	24	6,400	1,695	8,095	2,933	5,162
2388	Handkerchiefs.....	50	3,264	790	4,054	40	4,014
2392	Housefurnishings, n.e.c.....	13	305	258	563	319	244
2394	Canvas products.....	6	68	98	166	166	...
2398	Embroideries (except Schiffli-machine).....	16	855	140	995	212	783
2431	Millwork plants.....	32	664	710	1,374	1,370	4
2511	Wood house furniture (except upholstered)...	163	3,807	3,096	6,905	6,900	5
2514	Metal household furniture.....	7	366	343	709	709	...
2515	Mattresses and bedsprings.....	19	1,300	1,951	3,251	3,251	...
2671	Paperboard boxes.....	5	797	1,706	2,503	2,503	...
2751	Commercial printing.....	80	1,535	782	2,317	2,316	1
2851	Paints and varnishes.....	4	165	332	497	497	...
2872	Fertilizers (mixing only).....	7	3,683	9,074	12,757	12,757	...
2896	Compressed and liquefied gases.....	3	335	157	492	492	...
2897	Insecticides and fungicides.....	3	37	57	94	94	...
2898	Salt.....	10	109	55	164	164	...
3099	Rubber products, n.e.c.....	5	301	255	556	556	...
3141	Footwear (except house slippers).....	5	1,287	1,794	3,081	3,081	...
3142	House slippers.....	7	800	457	1,257	1,013	244
3361	Nonferrous foundries.....	6	52	33	85	85	...
3441	Structural and ornamental products.....	26	1,294	918	2,212	2,212	...
3442	Metal doors, sash, and trim.....	12	1,487	2,239	3,726	3,726	...
3444	Sheet-metal work.....	7	112	65	177	177	...
3621	Electrical appliances.....	4	663	663	1,326	1,326	...
3661	Radios and related products.....	11	1,817	1,271	3,088	2,652	436
3851	Ophthalmic goods.....	5	1,798	1,329	3,127	3,127	...
3949	Sporting and athletic goods.....	8	683	741	1,424	1,390	34
3961	Costume jewelry.....	8	1,090	933	2,023	1,993	30
3962	Artificial flowers.....	6	421	75	496	188	308
3963	Buttons.....	5	928	1,372	2,300	2,300	...
3964	Needles, pins, and fasteners.....	5	340	622	962	962	...
3971	Plastic products, n.e.c.....	9	2,436	2,540	4,976	4,976	...
3985	Fireworks and pyrotechnics.....	4	17	9	26	26	...
3988	Morticians' goods.....	4	43	37	80	80	...
3993	Signs and advertising displays.....	8	106	54	160	160	...

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

¹ Establishments primarily engaged in the pasteurization and bottling of fluid milk were not regarded as being within the scope of the Census of Manufactures in 1949.² Data for 1954 do not include 252 small cigar manufacturing establishments with no paid employees. These establishments reported value added by manufacture of \$192 thousand and total shipments of \$346 thousand.

INDUSTRY STATISTICS

19

FOR SELECTED INDUSTRIES IN PUERTO RICO: 1954 AND 1949

duction for explanation of column captions)

1949						Industry code
Number of establishments	Value added by manufacture	Cost of materials and contract work	Value of shipments			
			Total	Products sold	Contract receipts	
27 (1)	\$604 (1)	\$771 (1)	\$1,375 (1)	\$1,373 (1)	\$2 (1)	2024 2026
19	824	2,016	2,840	2,840	...	2033
265	3,144	5,716	8,860	8,859	1	2051
12	784	1,449	2,233	2,233	...	2052
36	32,228	95,426	127,654	127,654	...	2061
5	3,476	23,103	26,579	26,579	...	2062
33	1,973	3,027	5,000	5,000	...	2081
31	3,852	6,016	9,868	9,758	110	2085
3	(D)	(D)	(D)	(D)	(D)	2095
29	640	389	1,209	1,022	7	2097
10	300	1,028	1,328	1,328	...	2098
25	703	4,707	5,411	5,411	...	2099
577	935	849	1,784	1,784	...	2121
7	42	82	124	124	...	2131
42	5,767	8,431	14,198	14,198	...	2141
3	(D)	(D)	(D)	(D)	(D)	2251
...	...	...	...	...	...	2253
11	861	1,133	1,993	1,993	...	2311
17	781	1,441	2,221	2,221	...	2321
7	(D)	(D)	(D)	(D)	(D)	2322
35	920	1,904	2,824	2,815	9	2327
6	132	345	478	478	...	2329
18	497	316	813	204	609	2331
14	(D)	(D)	(D)	(D)	(D)	2333
...	...	...	...	...	...	2337
29	(D)	(D)	(D)	(D)	(D)	2341
2	(D)	(D)	(D)	(D)	(D)	2342
45	2,030	2,490	4,519	731	3,788	2388
8	177	284	461	232	229	2392
6	80	96	176	176	...	2394
1	(D)	(D)	(D)	(D)	(D)	2398
43	589	535	1,124	1,124	...	2431
152	1,467	1,648	3,116	3,098	18	2511
4	(D)	(D)	(D)	(D)	(D)	2514
13	511	1,199	1,710	1,697	13	2515
3	(D)	(D)	(D)	(D)	(D)	2671
62	(D)	(D)	(D)	(D)	(D)	2751
1	(D)	(D)	(D)	(D)	(D)	2851
7	2,731	10,480	13,211	13,211	...	2872
6	716	578	1,294	1,294	...	2896
3	12	20	32	32	...	2897
7	(D)	(D)	(D)	(D)	(D)	2898
1	(D)	(D)	(D)	(D)	(D)	3099
7	(D)	(D)	(D)	(D)	(D)	3141
5	(D)	(D)	(D)	(D)	(D)	3142
...	...	...	...	...	...	3361
15	251	170	422	422	...	3441
3	(D)	(D)	(D)	(D)	(D)	3442
6	(D)	(D)	(D)	(D)	(D)	3444
...	...	...	...	...	...	3621
...	...	...	...	...	...	3661
1	(D)	(D)	(D)	(D)	(D)	3851
1	(D)	(D)	(D)	(D)	(D)	3949
5	(D)	(D)	(D)	(D)	(D)	3961
5	380	137	517	176	341	3962
5	863	546	1,409	1,403	6	3963
1	(D)	(D)	(D)	(D)	(D)	3964
1	(D)	(D)	(D)	(D)	(D)	3971
...	...	...	...	...	...	3985
8	20	19	40	40	...	3988
4	33	27	60	59	1	3993

Table 3.--VALUE OF PRODUCTS SOLD AND CONTRACT RECEIPTS, BY PRODUCT, FOR PUERTO RICO: 1954 AND 1949

(In thousands of dollars. The aggregate values for groups of products are not shown because of the duplication that arises from the use of some products as materials in the manufacture of other products. See Introduction for explanation of column captions)

Product	1954 value of shipments			1949 value of shipments		
	Total ¹	Value of products sold	Contract receipts	Total ¹	Value of products sold	Contract receipts
Food and kindred products:						
Natural cheese.....	309	309	...	211	211	...
Ice cream and ices.....	1,276	1,276	...	1,320	1,318	...
Fluid milk and cream.....	15,126	15,126	...	(²)	(²)	(²)
Canned fruits.....	1,480	1,480	...	...	...	...
Canned seasonal vegetables.....	1,044	1,044	...	...	...	...
Canned fruit juices.....	619	619	...	2,886	2,886	...
Jams, jellies, and preserves.....	469	469	...	...	...	...
Pickles and sauces.....	375	375	...	153	153	...
Bread.....	7,784	7,784	...	7,180	7,179	1
Cakes, pies, cookies, and pastries.....	2,703	2,703	...	1,610	1,610	...
Biscuits, crackers, and pretzels.....	3,173	3,173	...	2,148	2,148	...
Cane sugar, raw.....	117,845	117,736	109	124,438	124,438	...
Cane sugar, refined.....	29,613	29,613	...	26,626	26,626	...
Cane sirup and blackstrap molasses.....	4,491	4,491	...	2,477	2,477	...
Candy, other confections, and chewing gum.....	1,256	1,256	...	844	844	...
Chocolate and cocoa products.....	996	996	...	685	685	...
Bottled soft drinks and carbonated water.....	5,934	5,898	36	5,152	5,152	...
Malt and malt liquors.....	19,758	19,758	...	5,989	5,989	...
Distilled rectified and blended liquors (including wines).....	10,012	10,012	...	10,093	9,983	110
Manufactured ice.....	694	694	...	946	939	7
Macaroni and spaghetti.....	1,038	1,038	...	1,142	1,142	...
Roasted coffee.....	14,293	14,289	4	5,105	5,105	...
Flavoring extracts and sirups.....	142	142	...	...	...	...
Other food products.....	3,407	3,407	...	915	915	...
Tobacco manufactures:						
Cigars and cigarettes.....	³ 4,716	4,716	...	1,789	1,789	...
Chewing and smoking tobacco and snuff.....	132	132	...	99	99	...
Tobacco, stemmed and redried.....	17,604	17,445	159	14,139	14,139	...
Textile mill products:						
Hosiery.....	1,725	1,725	...	...	...	...
Knitting mill products.....	5,071	4,194	877	...	...	...
Carpets and rugs.....	4,433	4,254	179	1,893	1,845	48
Yarn, broad-woven fabrics, hats, and other textile mill goods.....	6,498	6,435	63	...	...	...
Apparel and related products:						
Men's and boys' suits and coats.....	1,304	1,301	3	1,998	1,998	...
Men's and boys' shirts and nightwear.....	4,929	4,759	170	2,446	2,446	...
Men's and boys' separate trousers.....	4,250	4,184	66	2,498	2,489	9
Men's and boys' underwear and neckwear.....	694	334	360	...	...	...
Men's and boys' cloth hats and caps, work shirts, and miscellaneous clothing.....	3,516	1,566	1,950	1,070	1,067	3
Women's and misses' blouses and waists.....	2,552	1,481	1,071	1,147	538	609
Women's and misses' dresses.....	656	656	...	360	228	132
Women's and misses' outerwear, n.e.c.....	4,780	4,602	178	...	...	...
Women's and children's underwear and nightwear.....	2,369	1,893	476	...	...	...
Brassieres, corsets, and allied garments.....	8,089	2,928	5,161	1,846	1,349	497
Other apparel: Belts, robes, raincoats.....	252	252	...	...	...	...
Children's and infants' dresses and other outerwear..	4,842	2,727	2,115	1,219	631	588
Fabric and combination dress and semi-dress gloves...	6,212	3,083	3,129	4,852	1,501	3,351
Handkerchiefs.....	3,825	36	3,789	4,532	744	3,788
Curtains, draperies, and other house furnishings.....	726	389	337	...	...	...
Textile bags and canvas products.....	145	145	...	948	612	336
Embroideries (except Schiffli-machine).....	1,020	211	809	...	...	...
Other fabricated textile products.....	1,582	1,522	60	...	...	...
Lumber and wood products (except furniture):						
Doors, windows, other millwork products, baskets, willowware, etc.....	2,770	2,767	3	1,218	1,218	...
Furniture and fixtures:						
Wood household furniture (except upholstered).....	6,765	6,759	6	2,941	2,923	18
Upholstered wood household furniture.....	316	316	...	278	278	...
Metal household furniture.....	757	757	...	180	180	...
Mattresses and bed springs.....	2,930	2,930	...	1,607	1,594	13
School, church, and public building furniture.....	63	62	1	63	63	...
Show cases.....	41	41	...	22	22	...
Window and door screens, venetian blinds, and reed and rattan furniture.....	356	356	...	245	245	...
Paper and allied products:						
Paperboard boxes, paper bags, die-cut paper and board and other paper mill products.....	6,354	6,354	...	1,993	1,993	...

... Represents zero.

¹ Not included in the value of products sold and contract receipts, reported on a product basis by manufacturing establishments, are receipts for miscellaneous activities such as repair work, installation of own products, and sale of scrap and refuse (\$2,831 thousand in 1954) and value of resales (\$9,806 thousand in 1954). In 1949, receipts for miscellaneous activities and value of resales combined accounted for \$4,220 thousand.

² In 1949 the industry "Fluid milk and cream" was not included in the Census of Manufactures, but was part of the Census of Business.

³ Excludes \$346 thousand total value of shipments reported by 252 small cigar manufacturing establishments with no paid employees.

Table 3.--VALUE OF PRODUCTS SOLD AND CONTRACT RECEIPTS, BY PRODUCT, FOR PUERTO RICO: 1954 AND 1949--Continued

(In thousands of dollars)

Product	1954 value of shipments			1949 value of shipments		
	Total ¹	Value of products sold	Contract receipts	Total ¹	Value of products sold	Contract receipts
Publishing, printing, and related industries:						
Newspapers, periodicals, and commercial printing....	6,661	6,660	1	6,159	6,157	2
Lithographs, bookbinding, blankbook making, binders, typesetting, photo engraving.....	309	309	...	205	205	...
Chemicals and allied products:						
Pharmaceutical preparations.....	3,661	3,661	...	1,427	1,427	...
Fertilizers (mixing only).....	12,757	12,757	...	12,568	12,568	...
Compressed and liquefied gases.....	474	474	...	1,273	1,273	...
Insecticides and fungicides.....	93	93	...	26	26	...
Salt.....	164	164	...	119	119	...
Industrial inorganic and organic chemicals (including plastics, synthetics, and medicinal chemicals).....	5,420	5,415	5	882	882	...
Paints, varnishes, and enamels.....	524	524	...			
Essential oils, toilet preparations, other chemicals and chemical products.....	162	162	...			
Leather and leather products:						
Tanned and curried leather, leather suitcases, portfolios, bags, etc.....	878	860	18	232	232	...
Women's handbags and purses.....	491	491	...	204	204	...
Footwear (except house slippers).....	3,239	3,239	...	1,177	1,177	...
House slippers.....	1,096	852	244			
Work gloves and other leather goods.....	982	982	...			
Stone, clay, and glass products:						
Structural clay products and cement.....	10,859	10,859	...	7,083	7,083	...
Concrete products.....	3,622	3,622	...	1,962	1,962	...
Lime, glass products, pottery, asbestos, statuary and art goods, and other stone products.....	5,571	5,571	...	3,326	3,326	...
Primary metal products:						
Nonferrous castings.....	123	123	...	...	...	...
Blast furnace products, iron castings, and other primary metal products.....	623	537	86	...	...	...
Fabricated metal products:						
Structural and ornamental products.....	1,489	1,489	...	1,301	1,301	...
Metal doors, window sash, and trim.....	3,354	3,354	...	588	586	2
Sheet-metal products and metal stampings.....	268	268	...			
Tin cans, cutlery, heating apparatus, electroplating, lighting fixtures, and wirework.....	2,869	2,850	19			
Steel springs, industrial fasteners.....	1,989	1,989	...	245	245	...
Machinery (except electrical):						
Machine-tool accessories, farm, food-products, wood-working machinery, tools, machining, etc.....	2,772	2,677	95	1,190	1,188	2
Electrical machinery:						
Electrical industrial apparatus and electrical appliances.....	3,040	2,903	137	(²)	(²)	(²)
Communication equipment and related products.....	5,323	4,887	436	(²)	(²)	(²)
Engine equipment, lamps, storage batteries, and other electrical products.....	834	834	...	(²)	(²)	(²)
Transportation equipment:						
Truck and bus bodies, motor-vehicle parts, etc.....	1,074	1,074	...	(²)	(²)	(²)
Instruments and related products:						
Ophthalmic goods, instruments, surgical appliances, etc.....	4,837	4,824	13	(²)	(²)	(²)
Miscellaneous manufactured products:						
Jewelry and lapidary work.....	2,531	2,362	169	753	505	248
Needles, pins, and fasteners.....	972	972	...	767	276	491
Costume jewelry.....	1,664	1,640	24			
Artificial flowers.....	496	188	308			
Buttons.....	2,290	2,276	14	1,409	1,403	6
Morticians' goods.....	70	70	...	39	39	...
Signs and advertising displays.....	165	165	...	59	58	1
Toys, dolls, sporting and athletic goods.....	2,299	2,195	104	812	690	122
Fabricated plastic products.....	4,976	4,976	...			
Brooms and brushes, candles, and fireworks.....	816	816	...			
Other miscellaneous products: Pens and mechanical pencils, hair work, umbrellas, tobacco pipes, etc...	9,226	9,188	38			
All other products.....	1,326	1,326	...	302	302	...

... Represents zero.

¹ Not included in the value of products sold and contract receipts, reported on a product basis by manufacturing establishments, are receipts for miscellaneous activities such as repair work, installation of own products, and sale of scrap and refuse (\$2,831 thousand in 1954) and value of resales (\$9,806 thousand in 1954). In 1949, receipts for miscellaneous activities and value of resales combined accounted for \$4,220 thousand.

² 1949 product data are included in the category "All other products."

Table 4.--DESTINATION OF PRODUCTS SOLD AND SOURCE OF CONTRACT RECEIPTS, FOR SELECTED INDUSTRIES IN PUERTO RICO: 1954

(Dollar figures in thousands. See Introduction for explanation of column captions)

Industry code	Industry	Number of establishments	Total value of shipments (products sold and contract receipts)	Destination of products sold and source of contract receipts		
				Puerto Rico	United States	Foreign countries
2024	Ice cream and ices.....	7	\$1,351	\$1,351	...	...
2026	Pasteurizing and bottling of fluid milk.....	12	15,355	15,355	...	...
2033	Canning and preserving (except fish).....	33	4,635	2,327	\$2,284	\$24
2051	Bread and other bakery products.....	249	11,030	11,030	...	...
2052	Biscuits, crackers, and pretzels.....	9	3,031	3,014	...	17
2061	Raw cane sugar.....	33	126,034	27,527	97,950	557
2062	Cane-sugar refining.....	4	27,569	12,039	15,456	74
2081	Bottled soft drinks.....	26	6,088	6,075	9	4
2085	Distilled liquors (except brandy).....	19	10,369	5,893	4,264	212
2095	Flavoring extracts and sirups.....	7	123	106	17	...
2097	Manufactured ice.....	21	871	871	...	...
2098	Macaroni and spaghetti.....	7	1,040	1,040	...	...
2099	Food preparations, n.e.c.....	36	15,251	14,472	764	15
2121	Cigars ¹	204	4,691	1,366	3,321	4
2131	Chewing and smoking tobacco.....	9	143	143	...	...
2141	Tobacco stemming and redrying.....	46	19,450	5,122	14,222	106
2251	Full-fashioned hosiery mills.....	4	1,503	6	1,497	...
2253	Knit outerwear mills.....	8	3,324	287	3,037	...
2311	Men's and boys' suits and coats.....	5	1,494	1,426	...	68
2321	Men's dress shirts and nightwear.....	29	4,940	3,582	1,342	16
2322	Men's and boys' underwear.....	4	576	116	460	...
2327	Men's and boys' separate trousers.....	26	4,242	3,731	418	93
2329	Men's and boys' clothing, n.e.c.....	6	1,496	349	1,144	3
2331	Blouses and waists.....	26	2,409	443	1,966	...
2333	Dresses.....	11	502	497	5	...
2337	Suits, coats (except fur), and skirts.....	9	337	277	60	...
2341	Women's and children's underwear.....	27	2,768	917	1,850	1
2342	Corsets and allied garments.....	24	8,095	28	8,066	1
2388	Handkerchiefs.....	50	4,054	426	3,628	...
2392	Housefurnishings, n.e.c.....	13	563	271	292	...
2394	Canvas products.....	6	166	166	...	...
2396	Trimnings, stamped art goods, and art needlework.....	4	791	47	744	...
2398	Embroideries (except Schiffli-machine).....	16	995	64	931	...
2431	Millwork plants.....	32	1,737	1,737	...	...
2511	Wood house furniture (except upholstered).....	163	6,914	6,914	...	...
2514	Metal household furniture.....	7	709	709	...	...
2515	Mattresses and bedsprings.....	19	3,483	3,437	...	46
2531	Public-building and related furniture.....	4	49	49	...	...
2671	Paperboard boxes.....	5	2,503	2,503	...	...
2751	Commercial printing.....	80	2,401	2,385	16	...
2851	Paints and varnishes.....	4	497	497	...	...
2872	Fertilizers (mixing only).....	7	14,940	14,790	...	150
2896	Compressed and liquefied gases.....	3	573	571	2	...
2897	Insecticides and fungicides.....	3	114	114	...	...
2898	Salt.....	10	164	164	...	...
3099	Rubber products, n.e.c.....	5	609	522	87	...
3141	Footwear (except house slippers).....	5	3,082	210	2,871	1
3142	House slippers.....	7	1,257	68	1,189	...
3361	Nonferrous foundries.....	6	85	85	...	...
3441	Structural and ornamental products.....	26	2,212	2,169	...	43
3442	Metal doors, sash, and trim.....	12	3,731	3,235	496	...
3444	Sheet-metal work.....	7	207	207	...	...
3621	Electrical appliances.....	4	1,326	32	1,291	3
3661	Radios and related products.....	11	3,090	97	2,983	10
3851	Ophthalmic goods.....	5	3,127	11	3,112	4
3949	Sporting and athletic goods.....	8	1,424	25	1,398	1
3961	Costume jewelry.....	8	2,065	114	1,951	...
3962	Artificial flowers.....	6	497	48	449	...
3963	Buttons.....	5	2,300	29	2,247	24
3964	Needles, pins, and fasteners.....	5	962	364	574	24
3971	Plastic products, n.e.c.....	9	4,977	485	4,476	16
3985	Fireworks and pyrotechnics.....	4	26	26	...	...
3988	Morticians' goods.....	4	84	84	...	...
3993	Signs and advertising displays.....	8	168	168	...	...

... Represents zero.

¹ Excludes 252 small cigar manufacturing establishments with no paid employees and total shipments of \$346 thousand.

INDUSTRY STATISTICS

23

Table 5.--GENERAL STATISTICS FOR PUERTO RICO, BY FORM OF ORGANIZATION, FOR MAJOR INDUSTRY GROUPS: 1954 AND 1949

(Dollar figures in thousands. See Introduction for explanation of column captions)

Ind. code	Major industry group and legal form of organization	1954							1949					
		Number of establishments	All employees		Production workers		Home workers, wages	Value added by manufacture	Number of establishments	All employees		Production workers		Value added by manufacture
			Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total	
	All industries, total.....	1,938	69,022	\$83,263	60,336	\$59,289	\$6,034	\$188,331	1,998	55,137	\$49,205	47,735	\$35,736	\$93,421
	Individual proprietor.....	1,181	14,096	10,509	12,975	9,168	2,911	20,800	1,500	15,417	9,234	13,576	7,696	14,120
	Partnership.....	95	3,311	3,041	2,974	2,496	989	6,339	121	4,170	3,206	3,772	2,503	6,796
	Corporation.....	622	47,063	65,897	40,201	44,583	2,099	153,752	315	27,846	29,381	23,311	19,584	58,533
	Cooperative.....	22	3,680	2,699	3,413	2,101	19	4,183						
	Other.....	18	872	1,117	773	941	16	3,257	62	7,704	7,384	7,076	5,953	13,975
20	Food and kindred products.....	497	18,864	30,185	14,999	19,185	20	71,599	526	23,243	25,516	19,615	18,251	52,432
	Individual proprietor.....	316	2,382	2,272	1,916	1,756	16	4,536	329	2,651	2,174	2,088	1,698	3,550
	Partnership.....	34	1,864	1,878	1,614	1,490	2	3,254	51	1,870	1,806	1,624	1,332	4,304
	Corporation.....	133	13,309	24,054	10,394	14,529	2	59,344	114	12,956	15,078	10,677	10,031	33,659
	Cooperative.....	6	608	1,087	453	668	...	1,664						
	Other.....	8	701	894	622	742	...	2,801	32	5,766	6,458	5,226	5,190	10,919
21	Tobacco manufactures ¹	259	9,758	6,718	9,460	6,093	7	11,427	626	7,116	3,403	6,732	2,956	6,743
	Individual proprietor.....	230	4,189	2,492	4,120	2,410	3	3,910	589	3,481	1,474	3,245	1,369	1,872
	Partnership.....	4	329	235	311	210	...	265	10	773	(D)	737	(D)	(D)
	Corporation.....	14	2,253	2,396	2,145	2,052	4	4,776	11	1,266	723	1,214	566	1,134
	Cooperative.....	11	2,987	1,595	2,884	1,421	...	2,476	16	1,596	(D)	1,536	(D)	(D)
	Other.....	...	...	...	...	...	...	...
22	Textile mill products.....	36	2,774	3,330	2,505	2,682	12	8,618	10	1,450	596	1,273	475	607
	Individual proprietor.....	2	(D)	(D)	(D)	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)
	Corporation.....	34	(D)	(D)	(D)	(D)	(D)	(D)	8	(D)	(D)	(D)	(D)	(D)
23	Apparel and related products.....	341	17,645	14,093	16,212	11,741	4,863	31,102	263	10,805	6,464	9,361	4,933	9,251
	Individual proprietor.....	177	4,235	2,724	3,903	2,373	2,018	6,413	186	5,631	3,188	4,798	2,511	4,682
	Partnership.....	20	(D)	(D)	(D)	(D)	(D)	(D)	20	1,137	671	1,067	552	1,100
	Corporation.....	141	12,565	10,742	11,525	8,849	1,849	22,455	50	3,766	2,511	3,240	1,785	3,355
	Cooperative.....	2	(D)	(D)	(D)	(D)	(D)	(D)						
	Other.....	1	(D)	(D)	(D)	(D)	(D)	(D)	7	271	94	256	85	114
24	Lumber and wood products (except furniture).....	38	307	435	260	390	...	1,410	51	327	302	313	245	611
	Individual proprietor.....	31	153	157	140	130	...	314	41	178	(D)	175	(D)	(D)
	Partnership.....	2	(D)	(D)	(D)	(D)	...	(D)	6	(D)	24	(D)	22	30
	Corporation.....	3	135	(D)	103	(D)	...	(D)	3	119	(D)	109	(D)	(D)
	Cooperative.....	2	(D)	(D)	(D)	(D)	...	(D)						
	Other.....	...	...	...	...	...	...	...	1	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	202	2,812	3,022	2,566	2,462	3	5,739	186	1,888	1,519	1,727	1,229	2,338
	Individual proprietor.....	160	1,494	1,364	1,425	1,243	1	2,535	155	1,240	856	1,171	758	1,311
	Partnership.....	11	(D)	(D)	(D)	(D)	(D)	(D)	15	(D)	(D)	(D)	(D)	(D)
	Corporation.....	30	1,071	1,453	908	1,032	...	2,849	15	430	495	354	331	753
	Other.....	1	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
26	Paper and allied products.....	9	463	906	406	600	882	3,137	5	294	352	258	263	825
	Individual proprietor.....	1	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
	Corporation.....	8	(D)	(D)	(D)	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	(D)
27	Printing and publishing industries.....	93	1,311	2,210	878	1,259	2	4,428	77	1,459	2,216	975	1,266	3,670
	Individual proprietor.....	63	303	342	275	308	...	657	56	272	223	240	189	403
	Partnership.....	7	(D)	(D)	(D)	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	(D)
	Corporation.....	21	949	1,801	547	888	...	3,611	16	1,169	1,974	720	1,061	3,226
	Other.....	2	(D)	(D)	(D)	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products....	71	1,449	2,677	1,073	1,228	3	7,555	49	1,268	1,510	1,011	884	4,394
	Individual proprietor.....	23	145	(D)	113	(D)	(D)	(D)	16	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	27	(D)	23	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
	Corporation.....	45	1,274	2,525	937	1,133	3	7,138	31	1,118	1,410	897	811	4,089
	Other.....	...	...	...	...	...	...	...	1	(D)	(D)	(D)	(D)	(D)
29	Products of petroleum and coal...	3	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
	Corporation.....	3	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
30	Rubber products.....	6	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
	Corporation.....	6	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.....	28	1,675	1,923	1,411	1,301	159	3,236	22	911	611	859	446	925
	Individual proprietor.....	9	(D)	(D)	(D)	(D)	(D)	(D)	12	(D)	(D)	(D)	(D)	(D)
	Corporation.....	18	1,573	1,784	1,310	1,167	159	2,931	9	786	515	744	378	796
	Other.....	1	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products..	132	3,127	4,975	2,675	3,499	...	9,445	87	2,562	3,097	2,224	2,162	6,353
	Individual proprietor.....	95	608	454	539	375	...	897	58	436	360	412	323	561
	Partnership.....	4	20	18	18	17	...	31	9	(D)	(D)	(D)	(D)	(D)
	Corporation.....	28	2,477	4,471	2,101	3,088	...	8,477	19	2,036	2,675	1,737	1,800	5,706
	Other.....	5	22	32	17	19	...	40	1	(D)	(D)	(D)	(D)	(D)

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

¹ Data for 1954 do not include 252 small cigar manufacturing establishments with no paid employees and value added by manufacture of \$192 thousand.

Table 5.--GENERAL STATISTICS FOR PUERTO RICO, BY FORM OF ORGANIZATION, FOR MAJOR INDUSTRY GROUPS: 1954 AND 1949--Continued

(Dollar figures in thousands. See Introduction for explanation of column captions)

Ind. code	Major industry group and legal form of organization	1954							1949						
		Number of establishments	All employees		Production workers		Home workers, wages	Value added by manufacture	Number of establishments	All employees		Production workers		Value added by manufacture	
			Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total				Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
33	Primary metal industries.....	10	81	\$77	78	\$69	...	\$426	1	(D)	(D)	(D)	(D)	(D)	
	Individual proprietor.....	9	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
	Corporation.....	1	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	
34	Fabricated metal products.....	60	1,155	2,198	992	1,359	\$1	6,349	33	310	\$338	290	\$292	\$710	
	Individual proprietor.....	33	192	226	176	196	...	472	26	242	240	232	228	442	
	Partnership.....	4	23	27	22	25	1	73	3	(D)	(D)	(D)	(D)	(D)	
	Corporation.....	23	940	1,945	794	1,138	...	5,804	4	(D)	(D)	(D)	(D)	(D)	
35	Machinery (except electrical)....	19	702	1,520	592	1,067	1	2,689	13	617	949	517	670	1,352	
	Individual proprietor.....	3	(D)	(D)	(D)	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	(D)	
	Partnership.....	2	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	
	Corporation.....	14	668	1,478	559	1,027	...	2,614	6	518	829	431	566	1,192	
36	Electrical machinery.....	31	1,454	2,198	1,267	1,338	2	4,786	1	(D)	(D)	(D)	(D)	(D)	
	Individual proprietor.....	2	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
	Corporation.....	29	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	
37	Transportation equipment.....	5	101	139	89	115	...	454	1	(D)	(D)	(D)	(D)	(D)	
	Individual proprietor.....	3	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
	Corporation.....	2	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	
38	Instruments and related products.	12	1,056	1,535	932	1,065	...	2,364	2	(D)	(D)	(D)	(D)	(D)	
	Individual proprietor.....	1	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	
	Corporation.....	11	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	
39	Miscellaneous manufactures.....	86	4,143	4,816	3,829	3,700	79	12,911	44	2,389	1,591	2,230	1,275	2,451	
	Individual proprietor.....	23	176	153	166	140	...	324	22	(D)	(D)	(D)	(D)	(D)	
	Partnership.....	4	(D)	(D)	(D)	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	
	Corporation.....	58	3,933	4,645	3,634	3,545	59	12,536	20	1,761	1,338	1,621	1,050	1,912	
	Cooperative.....	1	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

Table 6.--SELECTED STATISTICS FOR MANUFACTURING ESTABLISHMENTS CLASSIFIED BY EMPLOYMENT SIZE, FOR INDUSTRY GROUPS AND SPECIFIED INDUSTRIES
IN PUERTO RICO: 1954

(Dollar figures in thousands. Figures for any size class which cannot be shown without disclosing information for individual companies have been combined with figures for an adjacent size class. A (D) appears in the column where the figure has been withheld and the combined figure is underscored. As a result, whenever size class figures for industry groups are underscored, or a (D) appears, the figures for the industry groups will not add to the Puerto Rico total for that size class. See Introduction for explanation of items)

Ind. code	Item	All establishments	Establishments with--							
			Fewer than 5 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 employees or more
	All industries, total:									
	Number of establishments.....	1,938	706	321	281	277	171	133	40	9
	Number of employees.....	69,022	1,557	2,129	3,880	8,684	12,062	21,553	13,508	5,649
	Value added by manufacture.....	\$188,331	\$3,160	\$4,568	\$10,489	\$25,622	\$30,093	\$54,704	\$48,807	\$10,888
20	Food and kindred products:									
	Number of establishments.....	497	160	113	87	56	33	29	15	4
	Number of employees.....	18,864	378	758	1,197	1,683	2,334	4,985	4,889	2,640
	Value added by manufacture.....	\$71,599	\$776	\$1,600	\$2,209	\$5,977	\$8,366	\$18,822	\$27,935	\$5,914
202	Dairy products:									
	Number of establishments.....	23	5	3	3	5	4	3	...	...
	Number of employees.....	928	11	61	(D)	180	676	(D)	...	...
	Value added by manufacture.....	\$5,594	\$27	\$174	(D)	\$1,098	\$4,295	(D)	...	...
203	Canning, preserving, and freezing:									
	Number of establishments.....	41	17	3	5	8	4	4	...	...
	Number of employees.....	1,412	33	23	72	226	260	798	...	...
	Value added by manufacture.....	\$2,897	\$58	\$52	\$100	\$370	\$534	\$1,783	...	...
205	Bakery products:									
	Number of establishments.....	258	103	80	55	13	6	1	...	...
	Number of employees.....	2,486	266	538	733	363	586	(D)	...	...
	Value added by manufacture.....	\$4,842	\$554	\$1,000	\$1,102	\$621	\$1,565	(D)	...	...
206	Sugar:									
	Number of establishments.....	37	...	...	...	1	4	15	13	4
	Number of employees.....	9,720	...	...	...	340	(D)	6,740	(D)	2,640
	Value added by manufacture.....	\$33,934	...	...	...	\$1,877	(D)	\$26,143	(D)	\$5,914
208	Beverages:									
	Number of establishments.....	51	3	6	10	14	12	4	2	...
	Number of employees.....	3,101	53	(D)	147	503	843	1,555	(D)	...
	Value added by manufacture.....	\$21,308	\$206	(D)	\$426	\$1,864	\$3,859	\$14,953	(D)	...
2081	Bottled soft drinks:									
	Number of establishments.....	26	2	4	6	9	4	1	...	...
	Number of employees.....	861	124	(D)	(D)	290	447	(D)	...	...
	Value added by manufacture.....	\$3,160	\$292	(D)	(D)	\$1,115	\$1,753	(D)	...	...
209	Miscellaneous food preparations:									
	Number of establishments.....	71	25	19	12	12	2	1	...	...
	Number of employees.....	906	43	119	181	563	(D)	(D)	...	...
	Value added by manufacture.....	\$2,208	\$96	\$271	\$430	\$1,411	(D)	(D)	...	...
2097	Manufactured ice:									
	Number of establishments.....	21	6	6	4	3	1	1	...	...
	Number of employees.....	376	13	35	53	275	(D)	(D)	...	...
	Value added by manufacture.....	\$516	\$23	\$71	\$96	\$326	(D)	(D)	...	...
21	Tobacco manufactures: ¹									
	Number of establishments.....	259	184	21	6	4	9	26	6	3
	Number of employees.....	9,758	333	134	209	(D)	595	4,571	3,916	(D)
	Value added by manufacture.....	\$11,427	\$338	\$106	\$202	(D)	\$730	\$5,751	\$4,300	(D)
2121	Cigars: ¹									
	Number of establishments.....	204	178	17	3	4	...	1	...	1
	Number of employees.....	1,239	314	106	39	780	...	(D)	...	(D)
	Value added by manufacture.....	\$2,274	\$310	\$85	\$29	\$1,850	...	(D)	...	(D)
22	Textile mill products:									
	Number of establishments.....	36	4	2	2	12	8	6	2	...
	Number of employees.....	2,774	14	430	(D)	(D)	550	1,780	(D)	...
	Value added by manufacture.....	\$8,618	\$38	\$1,630	(D)	(D)	\$1,204	\$5,746	(D)	...
23	Apparel and related products:									
	Number of establishments.....	341	47	50	45	87	62	43	6	1
	Number of employees.....	17,645	107	341	651	2,794	4,359	6,622	2,771	(D)
	Value added by manufacture.....	\$31,102	\$503	\$983	\$1,320	\$6,171	\$5,836	\$12,121	\$4,168	(D)
232	Men's and boys' furnishings:									
	Number of establishments.....	70	5	9	8	20	14	13	...	1
	Number of employees.....	4,159	11	64	110	639	1,003	2,332	...	(D)
	Value added by manufacture.....	\$6,554	\$48	\$143	\$130	\$808	\$1,333	\$4,092	...	(D)
2321	Men's dress shirts and nightwear:									
	Number of establishments.....	29	3	4	1	8	6	7	...	...
	Number of employees.....	1,628	53	(D)	(D)	716	(D)	859	...	...
	Value added by manufacture.....	\$2,292	\$72	(D)	(D)	\$998	(D)	\$1,222	...	...
2327	Men's and boys' separate trousers:									
	Number of establishments.....	26	...	3	4	9	7	3	...	...
	Number of employees.....	1,219	...	22	52	294	468	383	...	...
	Value added by manufacture.....	\$1,715	...	\$86	\$76	\$354	\$619	\$580	...	...

... Represents zero.

¹ Excludes 252 small cigar manufacturing establishments with no paid employees and value added by manufacture of \$192 thousand.

Table 6.--SELECTED STATISTICS FOR MANUFACTURING ESTABLISHMENTS CLASSIFIED BY EMPLOYMENT SIZE, FOR INDUSTRY GROUPS AND SPECIFIED INDUSTRIES
IN PUERTO RICO: 1954--Continued

(Dollar figures in thousands)

Ind. code	Item	All establish- ments	Establishments with--							
			Fewer than 5 employees	5 to 9 em- ployees	10 to 19 em- ployees	20 to 49 em- ployees	50 to 99 em- ployees	100 to 249 employees	250 to 499 employees	500 employees or more
233	Women's and misses' outerwear:									
	Number of establishments.....	53	12	8	7	10	12	3	1	...
	Number of employees.....	2,210	34	54	109	296	1,717	(D)	(D)	...
	Value added by manufacture.....	\$3,901	\$95	\$128	\$151	\$451	\$3,076	(D)	(D)	...
2331	Blouses and waists:									
	Number of establishments.....	26	5	2	3	7	7	2	...	...
	Number of employees.....	1,074	15	63	(D)	221	775	(D)	...	...
	Value added by manufacture.....	\$1,534	\$54	\$94	(D)	\$305	\$1,081	(D)	...	...
234	Women's and children's undergarments:									
	Number of establishments.....	51	2	7	4	15	5	17	1	...
	Number of employees.....	4,116	52	(D)	533	(D)	3,531	(D)	(D)	...
	Value added by manufacture.....	\$7,828	\$73	(D)	\$821	(D)	\$6,934	(D)	(D)	...
2341	Women's and children's underwear:									
	Number of establishments.....	27	2	7	3	10	2	3	...	...
	Number of employees.....	1,163	52	(D)	358	(D)	753	(D)	...	...
	Value added by manufacture.....	\$1,428	\$73	(D)	\$385	(D)	\$970	(D)	...	...
2342	Corsets and allied garments:									
	Number of establishments.....	24	...	...	1	5	3	14	1	...
	Number of employees.....	2,953	...	...	175	(D)	2,778	(D)	(D)	...
	Value added by manufacture.....	\$6,400	...	...	\$436	(D)	\$5,964	(D)	(D)	...
236	Children's outerwear:									
	Number of establishments.....	39	12	5	5	7	8	1	1	...
	Number of employees.....	1,467	24	31	66	232	1,114	(D)	(D)	...
	Value added by manufacture.....	\$2,875	\$79	\$270	\$70	\$1,185	\$1,271	(D)	(D)	...
238	Miscellaneous apparel and accessories:									
	Number of establishments.....	79	9	9	11	24	16	7	3	...
	Number of employees.....	4,241	21	60	163	787	1,147	1,073	990	...
	Value added by manufacture.....	\$7,438	\$242	\$255	\$539	\$2,164	\$1,581	\$1,878	\$779	...
2388	Handkerchiefs:									
	Number of establishments.....	50	4	4	7	16	12	5	2	...
	Number of employees.....	3,009	8	26	94	537	2,344	(D)	(D)	...
	Value added by manufacture.....	\$3,264	\$32	\$19	\$48	\$931	\$2,234	(D)	(D)	...
24	Lumber and wood products (except furniture):									
	Number of establishments.....	38	23	7	4	3	1	...	...	...
	Number of employees.....	307	52	44	56	155	(D)	...	...	...
	Value added by manufacture.....	\$1,410	\$104	\$57	\$116	\$1,133	(D)	...	...	...
25	Furniture and fixtures:									
	Number of establishments.....	202	82	33	50	23	13	1	...	...
	Number of employees.....	2,812	200	221	666	716	1,009	(D)	...	...
	Value added by manufacture.....	\$5,739	\$371	\$326	\$1,010	\$1,406	\$2,626	(D)	...	...
2511	Wood house furniture (except upholstered):									
	Number of establishments.....	163	73	27	37	16	10	...	...	...
	Number of employees.....	2,066	178	183	501	507	697	...	...	...
	Value added by manufacture.....	\$3,807	\$325	\$260	\$677	\$974	\$1,571	...	...	...
27	Printing and publishing industries:									
	Number of establishments.....	93	45	25	14	5	1	1	2	...
	Number of employees.....	1,311	101	151	192	867	(D)	(D)	(D)	...
	Value added by manufacture.....	\$4,428	\$226	\$334	\$378	\$3,490	(D)	(D)	(D)	...
2751	Commercial printing:									
	Number of establishments.....	80	42	21	11	4	1	1	...	...
	Number of employees.....	704	225	(D)	479	(D)	(D)	(D)	...	...
	Value added by manufacture.....	\$1,535	\$491	(D)	\$1,044	(D)	(D)	(D)	...	...
28	Chemicals and allied products:									
	Number of establishments.....	71	23	16	11	14	4	3	...	...
	Number of employees.....	1,449	66	116	157	399	312	399	...	...
	Value added by manufacture.....	\$7,555	\$204	\$304	\$1,056	\$1,746	\$2,345	\$1,900	...	...
283	Drugs and medicines:									
	Number of establishments.....	33	10	11	6	4	2	...	...	...
	Number of employees.....	437	30	78	83	246	(D)	...	...	...
	Value added by manufacture.....	\$2,818	\$100	\$219	\$744	\$1,755	(D)	...	...	...
31	Leather and leather products:									
	Number of establishments.....	28	8	...	1	7	8	3	1	...
	Number of employees.....	1,675	17	...	234	(D)	578	846	(D)	...
	Value added by manufacture.....	\$3,236	\$20	...	\$565	(D)	\$1,036	\$1,615	(D)	...
32	Stone, clay, and glass products:									
	Number of establishments.....	132	72	20	14	14	5	3	3	1
	Number of employees.....	3,127	133	127	192	436	318	327	1,594	(D)
	Value added by manufacture.....	\$9,445	\$178	\$197	\$421	\$815	\$606	\$528	\$6,700	(D)

... Represents zero.

INDUSTRY STATISTICS

27

Table 6.--SELECTED STATISTICS FOR MANUFACTURING ESTABLISHMENTS CLASSIFIED BY EMPLOYMENT SIZE, FOR INDUSTRY GROUPS AND SPECIFIED INDUSTRIES
IN PUERTO RICO: 1954--Continued

(Dollar figures in thousands)

Ind. code	Item	All establish- ments	Establishments with--							
			Fewer than 5 employees	5 to 9 em- ployees	10 to 19 em- ployees	20 to 49 em- ployees	50 to 99 em- ployees	100 to 249 employees	250 to 499 employees	500 employees or more
33	Primary metal industries:									
	Number of establishments.....	10	4	2	3	1	...	...	...	...
	Number of employees.....	81	9	72	(D)	(D)	...	...	...	...
	Value added by manufacture.....	\$426	\$16	<u>\$410</u>	(D)	(D)	...	...	...	...
34	Fabricated metal products:									
	Number of establishments.....	60	24	10	11	11	3	...	1	...
	Number of employees.....	1,155	63	63	149	371	<u>509</u>	...	(D)	...
	Value added by manufacture.....	\$6,349	\$170	\$147	\$704	\$2,148	<u>\$3,180</u>	...	(D)	...
35	Machinery (except electrical):									
	Number of establishments.....	19	2	4	4	7	1	...	1	...
	Number of employees.....	702	<u>32</u>	(D)	50	620	(D)	...	(D)	...
	Value added by manufacture.....	\$2,689	<u>\$82</u>	(D)	\$615	<u>\$1,992</u>	(D)	...	(D)	...
36	Electrical machinery:									
	Number of establishments.....	31	3	2	7	11	4	3	1	...
	Number of employees.....	1,454	<u>24</u>	(D)	88	377	245	<u>720</u>	(D)	...
	Value added by manufacture.....	\$4,786	<u>\$77</u>	(D)	\$250	\$1,429	\$1,183	<u>\$1,447</u>	(D)	...
39	Miscellaneous manufactures:									
	Number of establishments.....	86	19	11	14	15	15	11	1	...
	Number of employees.....	4,143	49	74	202	478	1,125	<u>2,215</u>	(D)	...
	Value added by manufacture.....	\$12,911	\$107	\$149	\$321	\$1,185	\$2,712	<u>\$8,437</u>	(D)	...
396	Costume jewelry and notions:									
	Number of establishments.....	24	3	...	4	7	5	4	1	...
	Number of employees.....	1,771	10	...	60	216	406	<u>1,079</u>	(D)	...
	Value added by manufacture.....	\$2,779	\$24	...	\$128	\$513	\$655	<u>\$1,459</u>	(D)	...
	All other major industry groups: ¹									
	Number of establishments.....	35	6	5	8	7	4	4	1	...
	Number of employees.....	1,765	19	34	114	213	276	<u>1,109</u>	(D)	...
	Value added by manufacture.....	\$6,611	\$53	\$195	\$1,929	\$434	\$1,071	<u>\$2,929</u>	(D)	...

... Represents zero.

¹ Includes the following major industry groups which were combined to avoid disclosing figures for individual companies: Group 26, Paper and allied products; Group 29, Products of petroleum and coal; Group 30, Rubber products; Group 37, Transportation equipment; and Group 38, Instruments and related products.

Table 7.--VALUE OF MANUFACTURERS' INVENTORIES HELD BY ESTABLISHMENTS WITH 10 EMPLOYEES OR MORE, FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES IN PUERTO RICO: END OF YEAR, 1954 AND 1953

(In thousands of dollars. Data on inventories were obtained from all establishments with 10 employees or more. The first two columns provide a measure of the importance, based on value added by manufacture, of those establishments required to complete the inventory inquiry. The second column includes figures for establishments reporting that they held no inventories on either of the specified dates. See Introduction for explanation of column captions)

Ind. code	Industry group and industry	Value added by manufacture, 1954		Value of inventories held by establishments with 10 employees or more							
		For all establishments in industry	For establishments with 10 employees or more reporting inventories	End of 1954				End of 1953			
				Total inventories	Finished products	Work in process	Material, supplies, etc.	Total inventories	Finished products	Work in process	Material, supplies, etc.
	All industries, total.....	188,331	180,603	91,561	39,312	12,063	40,193	77,514	29,583	9,880	38,051
20	Food and kindred products.....	71,599	69,283	53,836	30,156	3,891	19,789	44,469	20,879	3,785	19,805
202	Dairy products.....	5,594	5,483	303	39	7	257	237	39	3	195
2024	Ice cream and ices.....	634	583	108	10	2	96	111	19	2	90
2026	Pasteurizing and bottling of fluid milk...	4,922	4,891	189	29	5	155	124	20	1	103
203	Canning, preserving, and freezing.....	2,897	2,787	1,809	995	6	808	1,841	918	1	922
2033	Canning and preserving (except fish).....	1,382	1,331	1,173	718	4	451	1,208	635	...	573
205	Bakery products.....	4,842	3,288	608	68	56	484	541	51	42	448
2051	Bread and other bakery products.....	3,706	2,187	239	11	56	172	212	8	41	163
2052	Biscuits, crackers, and pretzels.....	1,136	1,101	369	57	...	312	329	43	1	285
206	Sugar.....	33,934	33,934	38,976	27,007	260	11,709	29,779	17,914	79	11,786
2061	Raw cane sugar.....	30,718	30,718	34,978	24,150	34	10,794	26,079	15,890	45	10,144
2062	Cane-sugar refining.....	3,216	3,216	3,998	2,857	226	915	3,700	2,024	34	1,642
207	Confectionery and related products.....	787	761	205	60	5	140	160	52	5	103
208	Beverages.....	21,308	21,102	11,118	1,795	3,474	5,849	11,249	1,704	3,559	5,986
2081	Bottled soft drinks.....	3,160	3,112	743	72	4	667	676	55	3	618
2085	Distilled liquors (except brandy).....	5,708	5,588	9,098	1,534	3,304	4,260	9,294	1,476	3,398	4,420
209	Miscellaneous food preparations.....	2,208	1,841	769	182	83	504	652	191	96	365
2095	Flavoring extracts and sirups.....	44	26	5	4	...	1	5	4	...	1
2097	Manufactured ice.....	516	422	12	...	...	12	15	...	...	15
2098	Macaroni and spaghetti.....	293	285	108	17	1	90	112	19	1	92
2099	Food preparations, n.e.c.....	1,355	1,108	644	161	82	401	520	168	95	257
21	Tobacco manufactures.....	11,427	10,983	7,236	1,985	2,989	2,262	5,314	2,596	1,419	1,299
2121	Cigars.....	2,274	1,879	1,985	106	66	1,813	1,243	68	15	1,160
2141	Tobacco stemming and redrying.....	9,110	9,104	5,251	1,879	2,923	449	4,071	2,528	1,404	139
22	Textile mill products.....	8,618	8,530	1,709	236	340	1,133	1,603	221	361	1,021
225	Knitting mills.....	2,671	2,654	599	87	133	379	355	71	56	228
2251	Full-fashioned hosiery mills.....	857	857	139	13	19	107	123	8	6	109
2253	Knit outerwear mills.....	1,278	1,261	264	58	107	99	145	44	44	57
227	Carpets and rugs.....	2,274	2,263	398	31	40	327	518	63	82	373
23	Apparel and related products.....	31,102	29,616	6,146	1,875	1,289	2,982	5,137	1,482	1,091	2,564
2311	Men's and boys' suits and coats.....	477	477	542	115	116	311	489	160	41	288
232	Men's and boys' furnishings.....	6,554	6,363	2,275	852	376	1,047	1,946	638	360	948
2321	Men's dress shirts and nightwear.....	2,292	2,237	873	361	184	328	748	264	139	345
2322	Men's and boys' underwear.....	277	272	126	25	9	92	130	35	6	89
2327	Men's and boys' separate trousers.....	1,715	1,629	990	418	173	399	832	274	187	371
2329	Men's and boys' clothing, n.e.c.....	690	647	252	18	8	226	207	36	28	143
233	Women's and misses' outerwear.....	3,901	3,678	777	173	222	382	687	143	185	359
2331	Blouses and waists.....	1,534	1,462	188	30	80	78	118	9	67	42
2333	Dresses.....	175	110	56	29	11	16	29	13	7	9
2337	Suits, coats (except fur), and skirts.....	181	156	54	26	10	18	6	5	...	1
234	Women's and children's undergarments...	7,828	7,755	856	228	138	490	637	142	151	344
2341	Women's and children's underwear.....	1,428	1,355	522	129	103	290	369	106	82	181
2342	Corsets and allied garments.....	6,400	6,400	334	99	35	200	268	36	69	163
236	Children's outerwear.....	2,875	2,526	624	313	90	221	437	217	101	119
238	Miscellaneous apparel and accessories...	7,438	6,941	919	143	333	443	648	154	247	247
2388	Handkerchiefs.....	3,264	3,213	229	96	62	71	239	89	61	89
239	Miscellaneous fabricated textiles.....	2,029	1,876	153	51	14	88	154	28	6	120
2392	Housefurnishings, n.e.c.....	305	244	17	2	5	10	8	2	3	3
2398	Embroideries (except Schiffli-machine)....	855	822	50	14	7	29	23	1	2	20

... Represents zero.

Table 7.--VALUE OF MANUFACTURER'S INVENTORIES HELD BY ESTABLISHMENTS WITH 10 EMPLOYEES OR MORE, FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES IN PUERTO RICO: END OF YEAR, 1954 AND 1953--Continued

(In thousands of dollars)

Ind. code	Industry group and industry	Value added by manufacture, 1954		Value of inventories held by establishments with 10 employees or more							
		For all establishments in industry	For establishments with 10 employees or more reporting inventories	End of 1954				End of 1953			
				Total inventories	Finished products	Work in process	Material, supplies, etc.	Total inventories	Finished products	Work in process	Material, supplies, etc.
24	Lumber and wood products (except furniture).....	1,410	1,249	385	70	31	284	407	69	37	301
2431	Millwork plants.....	664	515	278	56	31	191	358	46	37	275
25	Furniture and fixtures.....	5,739	5,042	2,011	460	427	1,124	1,493	326	404	763
2511	Wood house furniture (except upholstered).....	3,807	3,222	1,140	274	358	508	1,026	191	351	484
2514	Metal household furniture.....	366	348	104	21	9	74	68	13	7	48
2515	Mattresses and bedsprings.....	1,300	1,276	657	121	32	504	309	94	15	200
26	Paper and allied products.....	3,137	3,078	1,101	90	15	996	1,221	125	19	1,077
2671	Paperboard boxes.....	797	769	591	31	6	554	505	31	5	469
27	Printing and publishing industries..	4,428	3,868	590	8	1	581	639	9	1	629
2751	Commercial printing.....	1,535	1,044	228	8	1	219	220	9	1	210
28	Chemicals and allied products.....	7,555	7,047	3,247	776	91	2,380	3,764	811	93	2,860
283	Drugs and medicines.....	2,818	2,499	1,294	433	81	780	1,276	454	88	734
2851	Paints and varnishes.....	165	155	189	49	4	136	103	27	5	71
2872	Fertilizers (mixing only).....	3,683	3,683	1,283	47	...	1,236	1,904	59	...	1,845
289	Miscellaneous chemical products.....	563	387	51	24	...	27	32	10	...	22
2896	Compressed and liquefied gases.....	335	276	11	...	...	11	6	...	...	6
2898	Salt.....	109	92	40	24	...	16	26	10	...	16
31	Leather and leather products.....	3,236	3,216	1,407	364	260	783	1,185	164	385	636
314	Footwear (except rubber).....	2,087	2,081	962	209	152	601	613	62	88	463
3141	Footwear (except house slippers).....	1,287	1,283	695	121	105	469	466	19	71	376
3142	House slippers.....	800	798	267	88	47	132	147	43	17	87
317	Handbags and small leather goods.....	604	604	133	25	57	51	159	22	103	34
32	Stone, clay, and glass products....	9,445	9,070	4,456	1,593	279	2,584	5,046	1,588	504	2,954
327	Concrete and plaster products.....	2,080	1,730	505	304	5	196	351	238	1	112
33	Primary metal industries.....	426	393	17	3	...	14	16	7	...	9
34	Fabricated metal products.....	6,349	6,032	2,465	399	856	1,210	1,672	272	495	905
344	Structural metal products.....	2,893	2,639	1,707	153	672	882	1,052	116	262	674
3441	Structural and ornamental products.....	1,294	1,111	765	22	518	225	330	35	181	114
3442	Metal doors, sash, and trim.....	1,487	1,456	912	121	147	644	696	72	75	549
349	Miscellaneous fabricated metal products.....	1,452	1,452	375	183	21	171	286	148	28	110
35	Machinery (except electrical).....	2,689	2,607	551	73	187	291	506	106	161	239
359	Miscellaneous machinery parts.....	2,286	2,251	298	26	117	155	339	41	124	174
36	Electrical machinery.....	4,786	4,709	1,056	75	274	707	1,197	164	239	794
361	Electrical industrial apparatus.....	1,116	1,114	315	8	59	248	200	8	28	164
3621	Electrical appliances.....	663	617	200	12	27	161	169	10	19	140
366	Communication equipment.....	2,738	2,709	346	18	61	267	665	126	71	468
3661	Radios and related products.....	1,817	1,805	231	11	59	161	339	39	71	229
38	Instruments and related products....	2,364	2,307	1,057	76	424	557	856	20	453	383
3851	Ophthalmic goods.....	1,798	1,798	775	47	385	343	760	12	436	312
39	Miscellaneous manufactures.....	12,911	12,655	4,105	1,058	695	2,353	2,829	722	420	1,687
391	Jewelry and silverware.....	1,124	1,124	799	296	133	370	683	244	61	378
394	Toys and sporting goods.....	1,051	1,038	406	165	36	205	351	122	35	194
3949	Sporting and athletic goods.....	683	670	168	58	32	78	113	18	35	60
396	Costume jewelry and notions.....	2,779	2,755	956	173	140	643	708	131	120	457
3961	Costume jewelry.....	1,090	1,088	357	17	23	317	111	30	20	61
3962	Artificial flowers.....	421	417	19	15	...	4	8	5	...	3
3963	Buttons.....	928	928	429	106	109	214	447	55	93	299
3964	Needles, pins, and fasteners.....	340	322	151	35	8	108	142	41	7	94
3971	Plastic products, n.e.c.....	2,436	2,431	678	143	118	417	410	135	48	227

... Represents zero.

Table 8.—EXPENDITURES FOR PLANT AND EQUIPMENT BY ESTABLISHMENTS WITH 10 EMPLOYEES OR MORE, FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES
IN PUERTO RICO: 1954

(In thousands of dollars. Data on expenditures for plant and equipment were obtained from all establishments with 10 employees or more. The first two columns provide a measure of the importance, based on value added by manufacture, of those establishments required to complete the expenditure inquiry. The second column includes figures for establishments that reported no expenditures for plant and equipment in 1954. It should not be assumed, however, that the same proportion of value added accounted for by establishments with less than 10 employees can be applied to obtain a measure of capital expenditures by these small plants. Typically, smaller firms have smaller expenditures per dollar of value added than larger firms. See Introduction for explanation of column captions)

Industry code	Industry group and industry	Value added by manufacture		Expenditures by establishments with 10 employees or more			
		For all establishments in industry	For establishments with 10 employees or more ¹	Expenditures for new plant and equipment			Expenditures for used plant and equipment
				Total	New structures and additions to plant	New machinery and equipment	
	All industries, total.....	188,331	180,603	19,090	5,057	12,798	1,232
20	Food and kindred products.....	71,599	69,283	11,644	3,480	7,747	409
202	Dairy products.....	5,594	5,483	589	33	555	...
2024	Ice cream and ices.....	634	583	67	3	64	...
2026	Pasteurizing and bottling of fluid milk.....	4,922	4,891	522	30	491	...
203	Canning, preserving, and freezing.....	2,897	2,787	560	219	217	123
2033	Canning and preserving (except fish).....	1,382	1,331	551	211	216	123
205	Bakery products.....	4,842	3,288	91	10	81	...
2051	Bread and other bakery products.....	3,706	2,187	49	3	47	...
2052	Biscuits, crackers, and pretzels.....	1,136	1,101	42	7	34	...
206	Sugar.....	33,934	33,934	7,861	2,326	5,445	86
2061	Raw cane sugar.....	30,718	30,718	7,441	2,096	5,256	86
2062	Cane-sugar refining.....	3,216	3,216	420	230	189	...
207	Confectionery and related products.....	787	761	48	3	42	3
208	Beverages.....	21,308	21,102	2,273	825	1,353	94
2081	Bottled soft drinks.....	3,160	3,112	235	9	227	...
2085	Distilled liquors (except brandy).....	5,708	5,588	307	117	187	2
209	Miscellaneous food preparations.....	2,208	1,841	165	27	34	103
2095	Flavoring extracts and sirups.....	44	26	1	...	1	...
2097	Manufactured ice.....	516	422	110	...	6	103
2098	Macaroni and spaghetti.....	293	285	5	...	5	...
2099	Food preparations, n.e.c.....	1,355	1,108	49	27	22	...
21	Tobacco manufactures.....	11,427	10,983	266	155	85	25
2121	Cigars.....	2,274	1,879	26	...	9	17
2141	Tobacco stemming and redrying.....	9,110	9,104	240	155	76	8
22	Textile mill products.....	8,618	8,530	925	386	510	30
225	Knitting mills.....	2,671	2,654	726	362	334	30
2251	Full-fashioned hosiery mills.....	857	857	90	17	70	3
2253	Knit outerwear mills.....	1,278	1,261	608	345	236	27
227	Carpets and rugs.....	2,274	2,263	72	22	51	...
23	Apparel and related products.....	31,102	29,616	790	168	601	22
2311	Men's and boys' suits and coats.....	477	477	8	...	8	...
232	Men's and boys' furnishings.....	6,554	6,363	256	66	187	4
2321	Men's dress shirts and nightwear.....	2,292	2,237	130	32	94	4
2322	Men's and boys' underwear.....	277	272	19	4	16	...
2327	Men's and boys' separate trousers.....	1,715	1,629	66	26	40	...
2329	Men's and boys' clothing, n.e.c.....	690	647	15	4	11	...
233	Women's and misses' outerwear.....	3,901	3,678	186	13	160	13
2331	Blouses and waists.....	1,534	1,462	49	1	47	...
2333	Dresses.....	175	110	2	...	2	...
2337	Suits, coats (except fur), and skirts.....	181	156	13	11	2	...
234	Women's and children's undergarments.....	7,828	7,755	179	56	122	...
2341	Women's and children's underwear.....	1,428	1,355	86	42	43	...
2342	Corsets and allied garments.....	6,400	6,400	93	14	79	...
236	Children's outerwear.....	2,875	2,526	46	26	19	1
238	Miscellaneous apparel and accessories.....	7,438	6,941	92	6	84	3
2388	Handkerchiefs.....	3,264	3,213	64	6	58	...
239	Miscellaneous fabricated textiles.....	2,029	1,876	23	1	21	1
2392	Housefurnishings, n.e.c.....	305	244	...	...	...	...
2398	Embroideries (except Schiffli-machine).....	855	822	11	1	9	1

... Represents zero.

¹ Includes data for establishments reporting no expenditures for plant and equipment in 1954.

Table 8.--EXPENDITURES FOR PLANT AND EQUIPMENT BY ESTABLISHMENTS WITH 10 EMPLOYEES OR MORE, FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES
IN PUERTO RICO: 1954--Continued

(In thousands of dollars)

Industry code	Industry group and industry	Value added by manufacture		Expenditures by establishments with 10 employees or more			
		For all estab-lishments in industry	For estab-lishments with 10 employees or more ¹	Expenditures for new plant and equipment			Expenditures for used plant and equipment
				Total	New struc-tures and additions to plant	New machinery and equipment	
24	Lumber and wood products (exc. furniture)..	1,410	1,249	53	26	27	...
2431	Millwork plants.....	664	515	45	26	19	...
25	Furniture and fixtures.....	5,739	5,042	334	95	235	5
2511	Wood house furniture.....	3,807	3,222	152	80	70	3
2514	Metal household furniture.....	366	348	3	...	1	2
2515	Mattresses and bedsprings.....	1,300	1,276	162	10	152	...
26	Paper and allied products.....	3,137	3,078	352	7	171	174
2671	Paperboard boxes.....	797	769	176	5	148	23
27	Printing and publishing industries.....	4,428	3,868	126	2	71	53
2751	Commercial printing.....	1,535	1,044	124	2	69	53
28	Chemicals and allied products.....	7,555	7,047	282	93	110	81
283	Drugs and medicines.....	2,818	2,499	23	...	23	...
2851	Paints and varnishes.....	165	155	101	84	18	...
2872	Fertilizers (mixing only).....	3,683	3,683	70	4	66	...
289	Miscellaneous chemical products.....	563	387	33	3	...	30
2896	Compressed and liquefied gases.....	335	276	32	2	...	30
2898	Salt.....	109	92	1	1	...	...
31	Leather and leather products.....	3,236	3,216	217	46	158	13
314	Footwear (except rubber).....	2,087	2,081	192	45	135	12
3141	Footwear (except house slippers).....	1,287	1,283	67	40	27	...
3142	House slippers.....	800	798	125	5	108	12
317	Handbags and small leather goods.....	604	604	11	1	10	...
32	Stone, clay, and glass products.....	9,445	9,070	913	165	690	56
327	Concrete and plaster products.....	2,080	1,730	401	81	262	56
33	Primary metal industries.....	426	393	5	1	4	...
34	Fabricated metal products.....	6,349	6,032	1,370	103	926	344
344	Structural metal products.....	2,893	2,639	352	68	287	...
3441	Structural and ornamental products.....	1,294	1,111	156	44	113	...
3442	Metal doors, sash, and trim.....	1,487	1,456	196	24	174	...
349	Miscellaneous fabricated metal products.....	1,452	1,452	72	13	51	8
35	Machinery (except electrical).....	2,689	2,607	63	14	49	...
359	Miscellaneous machinery parts.....	2,286	2,251	45	...	45	...
36	Electrical machinery.....	4,786	4,709	339	54	283	4
361	Electrical industrial apparatus.....	1,116	1,114	95	2	93	...
3621	Electrical appliances.....	663	617	67	32	35	...
366	Communications equipment.....	2,738	2,709	140	20	118	4
3661	Radios and related products.....	1,817	1,805	128	20	106	4
38	Instruments and related products.....	2,364	2,307	324	41	273	10
3851	Ophthalmic goods.....	1,798	1,798	131	30	91	10
39	Miscellaneous manufactures.....	12,911	12,655	919	221	690	6
391	Jewelry and silverware.....	1,124	1,124	54	10	38	5
394	Toys and sporting goods.....	1,051	1,038	136	37	98	...
3949	Sporting and athletic goods.....	683	670	27	12	14	...
396	Costume jewelry and notions.....	2,779	2,755	33	1	32	...
3961	Costume jewelry.....	1,090	1,088	22	1	21	...
3962	Artificial flowers.....	421	417	...	...	...	...
3963	Buttons.....	928	928	5	...	5	...
3964	Needles, pins, and fasteners.....	340	322	6	...	6	...
3971	Plastic products, n.e.c.....	2,436	2,431	297	32	265	...

... Represents zero.

¹ Includes data for establishments reporting no expenditures for plant and equipment in 1954.

Table 9.--NUMBER OF PRODUCTION WORKERS BY SELECTED MONTHS, FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES IN PUERTO RICO: 1954

(See Introduction for explanation of column captions)

Industry code	Industry group and industry	Production workers (average for year)	Number of production workers reported for pay period ending nearest 15th of--			
			January	March	July	October
	All industries, total.....	60,355	57,600	64,441	58,989	59,878
202	Dairy products.....	486	482	495	483	481
2024	Ice cream and ices.....	128	120	130	128	137
2026	Pasteurizing and bottling of fluid milk.....	340	346	347	337	326
203	Canning, preserving, and freezing.....	1,322	1,690	1,674	976	933
2033	Canning and preserving (except fish).....	1,082	1,411	1,393	861	649
205	Bakery products.....	1,992	1,978	1,991	1,919	2,056
2051	Bread and other bakery products.....	1,642	1,621	1,644	1,594	1,680
2052	Biscuits, crackers, and pretzels.....	350	357	347	325	376
206	Sugar.....	8,282	8,083	13,376	5,619	6,045
2061	Raw cane sugar.....	7,781	7,527	12,609	5,213	5,770
2062	Cane-sugar refining.....	501	556	767	406	275
207	Confectionery and related products.....	230	213	201	243	261
2071	Confectionery products.....	186	169	155	198	221
208	Beverages.....	2,069	2,042	2,050	2,123	2,050
2081	Bottled soft drinks.....	465	452	461	482	461
2085	Distilled liquors (except brandy).....	883	866	884	881	896
209	Miscellaneous food preparations.....	581	604	524	623	566
2095	Flavoring extracts and sirups.....	64	83	42	88	41
2097	Manufactured ice.....	160	149	150	180	161
2098	Macaroni and spaghetti.....	134	131	126	126	147
2099	Food preparations, n.e.c.....	223	241	206	229	217
2121	Cigars.....	1,194	1,110	1,164	1,184	1,276
2131	Chewing and smoking tobacco.....	37	29	45	33	44
2141	Tobacco stemming and redrying.....	8,229	6,431	6,817	10,758	8,908
2231	Broad-woven fabric mills (cotton, silk, and synthetic fiber).....	541	491	579	541	552
225	Knitting mills.....	966	886	985	940	1,050
2251	Full-fashioned hosiery mills.....	252	270	282	225	232
2253	Knit outerwear mills.....	386	305	348	376	511
227	Carpets and rugs.....	796	924	869	553	838
228	Hats (except cloth and millinery).....	45	41	31	55	53
2311	Men's and boys' suits and coats.....	284	131	323	331	351
232	Men's and boys' furnishings.....	3,842	3,418	4,197	4,208	3,519
2321	Men's dress shirts and nightwear.....	1,466	1,288	1,591	1,436	1,544
2322	Men's and boys' underwear.....	188	211	207	117	216
2327	Men's and boys' separate trousers.....	1,117	866	1,223	1,194	1,180
2329	Men's and boys' clothing, n.e.c.....	409	282	386	537	426
233	Women's and misses' outerwear.....	2,007	2,147	2,007	1,812	2,050
2331	Blouses and waists.....	996	1,096	1,076	1,003	810
2333	Dresses.....	85	68	89	87	90
2337	Suits, coats (except fur), and skirts.....	207	218	128	226	250
2339	Outerwear, n.e.c.....	582	600	599	389	741
234	Women's and children's undergarments.....	3,846	3,685	3,785	3,771	4,135
2341	Women's and children's underwear.....	1,057	997	1,098	1,045	1,082
2342	Corsets and allied garments.....	2,789	2,688	2,687	2,726	3,053
236	Children's outerwear.....	1,316	1,280	1,317	1,352	1,302
238	Miscellaneous apparel and accessories.....	3,921	3,859	3,917	3,740	4,151
2388	Handkerchiefs.....	2,826	2,832	2,798	2,623	3,039
239	Miscellaneous fabricated textiles.....	996	964	940	975	1,097
2392	Housefurnishings, n.e.c.....	186	166	195	171	208
2394	Canvas products.....	27	27	29	25	25
2396	Trimings, stamped art goods, and art needlework.....	174	155	167	155	214
2398	Embroideries (except Schiffli-machine).....	479	496	432	486	504
2431	Millwork plants.....	211	193	196	215	230
2499	Wood products, n.e.c.....	25	23	23	27	28
251	Household furniture.....	2,538	2,563	2,532	2,454	2,546
2511	Wood house furniture (except upholstered).....	1,949	1,988	1,970	1,859	1,942
2514	Metal household furniture.....	138	129	120	148	152
2515	Mattresses and bedsprings.....	380	374	380	373	378
2531	Public-building and related furniture.....	18	19	16	16	18

Table 9.--NUMBER OF PRODUCTION WORKERS BY SELECTED MONTHS, FOR INDUSTRY GROUPS AND SELECTED INDUSTRIES IN PUERTO RICO: 1954--Continued

Industry code	Industry group and industry	Production workers (average for year)	Number of production workers reported for pay period ending nearest 15th of--			
			January	March	July	October
2671	Paperboard boxes.....	253	258	247	254	254
2711	Newspapers.....	195	204	204	182	188
2751	Commercial printing.....	627	601	608	641	633
278	Bookbinding and related industries.....	10	9	10	10	9
279	Service industries for the printing trade.....	30	30	28	31	31
283	Drugs and medicines.....	249	254	268	237	227
2851	Paints and varnishes.....	37	38	32	37	41
2872	Fertilizers (mixing only).....	451	426	392	638	346
289	Miscellaneous chemical products.....	200	248	184	205	151
2893	Perfumes, cosmetics, and other toilet preparations.....	10	7	8	9	11
2896	Compressed and liquefied gases.....	32	32	31	31	32
2897	Insecticides and fungicides.....	10	10	9	9	10
2898	Salt.....	131	185	119	136	81
3099	Rubber products, n.e.c.....	71	59	59	68	93
314	Footwear (except rubber).....	812	755	802	851	844
3141	Footwear (except house slippers).....	543	517	519	562	572
3142	House slippers.....	269	238	283	289	272
3161	Luggage.....	26	21	32	25	24
317	Handbags and small leather goods.....	391	360	392	386	427
327	Concrete and plaster products.....	1,116	1,037	1,064	1,142	1,188
3361	Nonferrous foundries.....	38	37	37	39	39
344	Structural metal products.....	649	615	584	658	725
3441	Structural and ornamental products.....	336	340	331	329	334
3442	Metal doors, sash, and trim.....	274	239	220	292	345
3444	Sheet-metal work.....	39	36	33	37	46
349	Miscellaneous fabricated metal products.....	182	184	173	165	204
355	Special-industry machinery, n.e.c.....	24	20	15	17	45
359	Miscellaneous machinery parts.....	463	486	460	443	460
361	Electrical industrial apparatus.....	222	223	239	228	199
3621	Electrical appliances.....	91	53	50	98	166
366	Communication equipment.....	898	1,008	947	870	763
3661	Radios and related products.....	405	331	389	418	482
369	Miscellaneous electrical products.....	19	14	16	16	30
3799	Transportation equipment, n.e.c.....	8	9	8	7	7
3851	Ophthalmic goods.....	620	412	664	673	727
391	Jewelry and silverware.....	274	255	270	273	293
394	Toys and sporting goods.....	566	519	563	475	713
3949	Sporting and athletic goods.....	390	381	417	349	417
396	Costume jewelry and notions.....	1,681	1,805	1,690	1,287	1,935
3961	Costume jewelry.....	652	771	614	406	812
3962	Artificial flowers.....	419	413	422	373	466
3963	Buttons.....	504	517	550	399	551
3964	Needles, pins, and fasteners.....	106	104	104	109	106
3971	Plastic products, n.e.c.....	578	536	538	557	673
3981	Brooms and brushes.....	202	250	230	175	156
3985	Fireworks and pyrotechnics.....	14	14	14	14	14
3988	Morticians' goods.....	17	16	17	17	18
3993	Signs and advertising displays.....	42	46	38	40	42
3999	Miscellaneous products, n.e.c.....	78	69	67	94	80

Table 10.--SELECTED STATISTICS FOR PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND MAJOR INDUSTRY GROUP: 1954

(Dollar figures in thousands. Figures for any year which cannot be shown without disclosing information for individual companies have been combined with figures for an adjacent earlier year. A (D) appears in the column where the figure has been withheld and the combined figure is underscored)

Ind. code	Major industry group and item	All establishments	Year establishment began operations							
			Before 1949	1949	1950	1951	1952	1953	1954	Not reported
	All industries total:									
	Number of establishments.....	1,938	933	84	101	112	169	194	191	154
	Number of employees.....	69,022	39,081	4,290	3,487	3,533	7,560	7,167	2,874	1,030
	Value added by manufacture.....	\$188,331	\$111,852	\$11,644	\$8,436	\$8,984	\$21,204	\$17,143	\$7,545	\$1,523
20	Food and kindred products:									
	Number of establishments.....	497	294	22	18	32	27	29	46	29
	Number of employees.....	18,864	16,430	653	236	447	236	483	229	150
	Value added by manufacture.....	\$71,599	\$64,153	\$2,477	\$604	\$1,553	\$478	\$1,695	\$419	\$220
21	Tobacco manufactures: ¹									
	Number of establishments.....	259	121	4	10	7	13	18	13	73
	Number of employees.....	9,758	6,044	292	1,064	23	950	841	260	284
	Value added by manufacture.....	\$11,427	\$6,814	\$218	\$1,230	\$18	\$2,042	\$866	\$21	\$218
22	Textile mill products:									
	Number of establishments.....	36	7	6	1	4	8	7	3	...
	Number of employees.....	2,774	508	1,259	231	(D)	464	312	(D)	...
	Value added by manufacture.....	\$8,618	\$1,402	\$4,153	\$550	(D)	\$1,159	\$1,354	(D)	...
23	Apparel and related products:									
	Number of establishments.....	341	145	17	14	19	40	48	44	14
	Number of employees.....	17,645	6,619	1,104	732	966	3,096	3,392	1,518	218
	Value added by manufacture.....	\$31,102	\$12,052	\$1,560	\$1,224	\$1,432	\$5,778	\$7,148	\$1,544	\$364
24	Lumber and wood products (except furniture):									
	Number of establishments.....	38	23	2	2	2	3	2	3	1
	Number of employees.....	307	191	71	(D)	(D)	(D)	45	(D)	(D)
	Value added by manufacture.....	\$1,410	\$546	\$107	(D)	(D)	(D)	\$757	(D)	(D)
25	Furniture and fixtures:									
	Number of establishments.....	202	102	9	17	11	16	21	20	6
	Number of employees.....	2,812	1,641	270	173	91	259	187	98	93
	Value added by manufacture.....	\$5,739	\$3,476	\$635	\$335	\$183	\$529	\$293	\$121	\$167
26	Paper and allied products:									
	Number of establishments.....	9	3	1	...	1	1	2	1	...
	Number of employees.....	463	(D)	(D)	...	(D)	(D)	(D)	(D)	...
	Value added by manufacture.....	\$3,137	(D)	(D)	...	(D)	(D)	(D)	(D)	...
27	Printing and publishing industries:									
	Number of establishments.....	93	55	7	2	5	4	7	6	7
	Number of employees.....	1,311	1,129	21	62	(D)	19	20	23	37
	Value added by manufacture.....	\$4,428	\$4,002	\$57	\$159	(D)	\$37	\$60	\$18	\$95
28	Chemicals and allied products:									
	Number of establishments.....	71	49	2	5	...	6	4	4	1
	Number of employees.....	1,449	1,028	200	(D)	...	144	43	34	(D)
	Value added by manufacture.....	\$7,555	\$4,038	\$2,714	(D)	...	\$432	\$93	\$278	(D)
29	Products of petroleum and coal:									
	Number of establishments.....	3	...	...	...	1	...	1	1	...
30	Rubber products:									
	Number of establishments.....	6	2	...	...	...	...	2	1	1
31	Leather and leather products:									
	Number of establishments.....	28	7	2	4	1	4	8	1	1
	Number of employees.....	1,675	249	318	(D)	494	(D)	614	(D)	(D)
	Value added by manufacture.....	\$3,236	\$476	\$947	(D)	\$922	(D)	\$891	(D)	(D)
32	Stone, clay, and glass products:									
	Number of establishments.....	132	55	2	8	11	12	14	17	13
	Number of employees.....	3,127	2,473	72	(D)	41	303	93	76	69
	Value added by manufacture.....	\$9,445	\$8,329	\$147	(D)	\$67	\$475	\$141	\$171	\$115
33	Primary metal industries:									
	Number of establishments.....	10	2	1	3	...	...	2	1	1
	Number of employees.....	81	(D)	(D)	(D)	...	...	(D)	(D)	(D)
	Value added by manufacture.....	\$426	(D)	(D)	(D)	...	...	(D)	(D)	(D)
34	Fabricated metal products:									
	Number of establishments.....	60	24	3	2	5	10	4	8	4
	Number of employees.....	1,155	427	8	220	(D)	249	49	181	21
	Value added by manufacture.....	\$6,349	\$1,708	\$30	\$521	(D)	\$1,566	\$421	\$2,073	\$30
35	Machinery (except electrical):									
	Number of establishments.....	19	10	...	1	...	3	2	3	...
	Number of employees.....	702	511	...	105	...	(D)	86	(D)	...
	Value added by manufacture.....	\$2,689	\$1,670	...	\$677	...	(D)	\$342	(D)	...

... Represents zero.

¹ Excludes 252 small cigar manufacturing establishments with no paid employees and value added by manufacture of \$192 thousand.

INDUSTRY STATISTICS

35

Table 10.--SELECTED STATISTICS FOR PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND MAJOR INDUSTRY GROUP: 1954--Continued

(Dollar figures in thousands)

Ind. code	Major industry group and item	All establishments	Year establishment began operations							Not reported
			Before 1949	1949	1950	1951	1952	1953	1954	
36	Electrical machinery:									
	Number of establishments.....	31	...	...	4	3	7	11	5	1
	Number of employees.....	1,454	...	...	604	(D)	278	367	205	(D)
	Value added by manufacture.....	\$4,786	...	...	\$2,120	(D)	\$1,057	\$1,101	\$509	(D)
37	Transportation equipment:									
	Number of establishments.....	5	2	...	1	...	2	...	...	...
	Number of employees.....	101	(D)	...	(D)	...	(D)	...	...	...
	Value added by manufacture.....	\$454	(D)	...	(D)	...	(D)	...	...	...
38	Instruments and related products:									
	Number of establishments.....	12	1	1	...	4	2	1	3	...
	Number of employees.....	1,056	769	(D)	...	(D)	287	(D)	(D)	...
	Value added by manufacture.....	\$2,364	\$2,014	(D)	...	(D)	\$350	(D)	(D)	...
39	Miscellaneous manufactures:									
	Number of establishments.....	86	31	5	9	6	11	11	11	2
	Number of employees.....	4,143	1,560	236	518	293	847	587	102	(D)
	Value added by manufacture.....	\$12,911	\$2,391	\$918	\$807	\$834	\$5,975	\$1,816	\$170	(D)

... Represents zero.

Table 11.--NUMBER OF ESTABLISHMENTS IN PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND INDUSTRY: 1954

Ind. code	Industry	All establishments	Number of establishments, by year establishment began operations							Not reported
			Before 1949	1949	1950	1951	1952	1953	1954	
	All industries, total.....	1,938	933	84	101	112	169	194	191	154
20	Food and kindred products.....	497	294	22	18	32	27	29	46	29
2013	Sausages and other prepared meats.....	2	...	...	...	...	...	...	2	...
2022	Natural cheese.....	3	2	...	...	...	1	...	...	...
2024	Ice cream and ices.....	7	4	1	...	...	...	1	...	1
2025	Special dairy products.....	1	1	...	...	...	...	...	...	...
2026	Pasteurizing and bottling of fluid milk.....	12	6	2	1	2	...	...	1	...
2031	Canned sea food.....	1	...	...	...	...	...	1	...	...
2033	Canning and preserving (except fish).....	33	14	4	1	4	2	4	3	1
2035	Pickles and sauces.....	7	3	...	...	2	1	1	...	...
2042	Prepared animal feeds.....	2	1	...	...	...	...	...	1	...
2051	Bread and other bakery products.....	249	129	7	8	19	17	17	31	21
2052	Biscuits, crackers, and pretzels.....	9	6	...	...	...	1	2	...	...
2061	Raw cane sugar.....	33	33	...	...	...	...	...	...	...
2062	Cane-sugar refining.....	4	4	...	...	...	...	...	...	...
2071	Confectionery products.....	9	3	...	...	1	1	...	2	2
2072	Chocolate and cocoa products.....	2	1	...	...	1	...	...	...	...
2073	Chewing gum.....	1	...	...	1	...	...	...	...	...
2081	Bottled soft drinks.....	26	21	...	2	...	1	...	2	...
2082	Malt liquors.....	4	2	2	...	...	...	...	...	...
2084	Wines and brandy.....	2	2	...	...	...	...	...	...	...
2085	Distilled liquors (except brandy).....	19	17	1	...	...	...	1	...	...
2095	Flavoring extracts and sirups.....	7	3	1	...	...	2	...	...	1
2097	Manufactured ice.....	21	15	1	2	1	...	...	1	1
2098	Macaroni and spaghetti.....	7	6	1	...	...	...	...	...	...
2099	Food preparations, n.e.c.....	36	21	2	3	2	1	2	3	2
21	Tobacco manufactures.....	259	121	4	10	7	13	18	13	73
2121	Cigars.....	204	82	3	5	7	11	15	11	70
2131	Chewing and smoking tobacco.....	9	7	...	...	...	...	...	...	2
2141	Tobacco stemming and redrying.....	46	32	1	5	...	2	3	2	1
22	Textile mill products.....	36	7	6	1	4	8	7	3	...
2221	Yarn mills.....	2	...	...	...	...	...	1	1	...
2231	Broad-woven fabric mills (cotton, silk, and synthetic fiber).....	3	...	2	...	1	...	...	...	...
2251	Full-fashioned hosiery mills.....	4	1	1	...	...	2	...	...	...
2252	Seamless hosiery mills.....	1	...	...	...	...	1	...	...	...
2253	Knit outerwear mills.....	8	...	1	...	1	1	3	2	...
2255	Knit glove mills.....	2	...	...	...	...	1	1	...	...
2256	Knit fabric mills.....	2	...	...	...	1	1	...	...	...

... Represents zero.

Table 11.--NUMBER OF ESTABLISHMENTS IN PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND INDUSTRY: 1954--Continued

Ind. code	Industry	All establishments	Number of establishments, by year establishment began operations							
			Before 1949	1949	1950	1951	1952	1953	1954	Not reported
22	Textile mill products--Continued									
2261	Dyeing and finishing textiles (except woolen and worsted textiles and knit goods).....	2	1	...	...	1	...	...	...	...
2271	Wool carpets, rugs, and carpet yarns.....	6	1	2	...	...	1	2	...	...
2273	Carpets and rugs, n.e.c.....	1	...	...	...	...	1	...	...	...
2282	Wool-felt hats and hat bodies.....	1	1	...	...	...	...	...	...	...
2283	Straw hats.....	2	2	...	...	...	...	...	...	...
2294	Processed waste and recovered fibers.....	1	...	...	1	...	...	...	...	...
2298	Cordage and twine.....	1	1	...	...	...	...	...	...	...
23	Apparel and related products.....	341	145	17	14	19	40	48	44	14
2311	Men's and boys' suits and coats.....	5	4	...	...	...	...	...	1	...
2321	Men's dress shirts and nightwear.....	29	15	1	...	1	3	7	2	...
2322	Men's and boys' underwear.....	4	3	...	1	...	...	...	...	...
2323	Men's and boys' neckwear.....	2	...	...	...	...	1	...	1	...
2325	Men's and boys' cloth hats and caps.....	2	...	...	...	...	...	1	1	...
2327	Men's and boys' separate trousers.....	26	14	1	...	1	1	5	4	...
2328	Work shirts.....	1	...	...	...	...	...	...	...	1
2329	Men's and boys' clothing, n.e.c.....	6	2	...	1	...	1	1	1	...
2331	Blouses and waists.....	26	12	1	2	1	3	4	3	...
2333	Dresses.....	11	5	...	1	1	...	1	1	2
2334	Household apparel.....	1	...	...	...	...	1	...	...	...
2337	Suits, coats (except fur), and skirts.....	9	1	1	1	1	...	...	4	1
2338	Neckwear and scarfs.....	2	1	...	...	1	...	...	...	...
2339	Outerwear, n.e.c.....	4	...	...	1	...	1	1	1	...
2341	Women's and children's underwear.....	27	14	3	...	1	5	2	2	...
2342	Corsets and allied garments.....	24	2	2	...	2	7	7	4	...
2361	Dresses.....	38	18	...	...	2	5	7	4	2
2369	Outerwear, n.e.c.....	1	...	...	...	...	...	1	...	...
2381	Fabric and combination dress gloves.....	27	15	...	2	1	4	4	...	1
2387	Belts.....	2	...	1	...	...	1	...	...	...
2388	Handkerchiefs.....	50	24	3	3	1	6	2	7	4
2391	Curtains and draperies.....	1	...	1	...	...	...	...	...	...
2392	Housefurnishings, n.e.c.....	13	6	...	1	2	...	1	1	2
2393	Textile bags.....	1	1	...	...	...	...	...	...	...
2394	Canvas products.....	6	6	...	...	...	...	...	...	...
2396	Trimmings, stamped art goods, and art needlework.....	4	...	1	1	...	...	...	2	...
2398	Embroideries (except Schiffli-machine).....	16	2	2	...	2	1	3	5	1
2399	Fabricated textile products, n.e.c.....	3	...	...	...	2	...	1	...	...
24	Lumber and wood products (except furniture).....	38	23	2	2	2	3	2	3	1
2431	Millwork plants.....	32	20	1	1	2	3	1	3	1
2442	Rattan and willow ware (except furniture and fruit and vegetable baskets).....	3	1	1	1	...	...	...	...	...
2499	Wood products, n.e.c.....	3	2	...	...	...	...	1	...	...
25	Furniture and fixtures.....	202	102	9	17	11	16	21	20	6
2511	Wood house furniture (except upholstered).....	163	80	6	14	10	14	17	16	6
2512	Household furniture, upholstered.....	2	2	...	...	...	...	...	...	...
2513	Reed and rattan furniture.....	5	2	...	2	...	...	...	1	...
2514	Metal household furniture.....	7	2	...	1	...	1	2	1	...
2515	Mattresses and bedsprings.....	19	14	2	...	...	1	...	2	...
2531	Public-building and related furniture.....	4	1	...	...	1	...	2	...	...
2541	Partitions and fixtures.....	1	1	...	...	...	...	...	...	...
2563	Venetian blinds.....	1	...	1	...	...	...	...	...	...
26	Paper and allied products.....	9	3	1	...	1	1	2	1	...
2612	Paper and paperboard mills (except building-paper and board).....	1	...	...	...	1	...	...	...	...
2661	Paper bags.....	2	...	1	...	...	...	1	...	...
2671	Paper boxes.....	5	3	...	...	...	1	1	...	...
2691	Die-cut paper and paperboard; and cardboard.....	1	...	...	...	...	...	...	1	...
27	Printing and publishing industries.....	93	55	7	2	5	4	7	...	...
2711	Newspapers.....	3	3	...	...	...	...	...	...	...
2751	Commercial printing.....	80	46	6	2	4	4	6	5	7
2761	Lithographing.....	2	1	...	...	...	...	...	1	...
2781	Bookbinding.....	3	2	...	...	...	...	1	...	...
2782	Blankbook making and paper ruling.....	1	1	...	...	...	...	...	...	...
2791	Typesetting.....	1	...	...	...	1	...	...	...	...
2793	Photoengraving.....	3	2	1	...	...	...	...	...	...

... Represents zero.

Table 11.--NUMBER OF ESTABLISHMENTS IN PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND INDUSTRY: 1954--Continued

Ind. code	Industry	All estab- lishments	Number of establishments, by year establishment began operations							
			Before 1949	1949	1950	1951	1952	1953	1954	Not reported
28	Chemicals and allied products.....	71	49	2	5	...	6	4	4	1
2819	Inorganic chemicals, n.e.c.....	1	1	...	...	...	...	...	...	...
2823	Plastics materials and elastomers (except synthetic rubber).....	1	...	...	...	...	1	...	...	...
2825	Synthetic fibers.....	1	...	...	...	...	...	...	1	...
2833	Inorganic and organic medicinal chemicals.....	1	...	...	1	...	...	...	...	...
2834	Pharmaceutical preparations.....	32	23	1	3	...	4	1	...	...
2841	Soap and glycerin.....	1	...	...	...	...	...	...	1	...
2851	Paints and varnishes.....	4	1	...	...	...	1	...	2	...
2872	Fertilizers (mixing only).....	7	6	...	1	...	...	...	...	...
2884	Vegetable oil mills, n.e.c.....	1	1	...	...	...	...	...	...	...
2892	Natural essential oils.....	1	1	...	...	...	...	...	...	...
2893	Perfumes, cosmetics, and other toilet preparations....	3	3	...	...	...	...	...	...	...
2896	Compressed and liquefied gases.....	3	3	...	...	...	...	...	...	...
2897	Insecticides and fungicides.....	3	2	...	...	...	...	1	...	...
2898	Salt.....	10	7	1	...	...	...	1	...	1
2899	Chemicals and chemical products, n.e.c.....	2	1	...	...	...	...	1	...	...
29	Products of petroleum and coal.....	3	...	...	...	1	...	1	1	...
2951	Paving mixtures and blocks.....	3	...	...	...	1	...	1	1	...
30	Rubber products.....	6	2	...	...	...	...	2	1	1
3021	Rubber footwear.....	1	...	...	...	...	...	1	...	...
3099	Rubber products, n.e.c.....	5	2	...	...	...	...	1	1	1
31	Leather and leather products.....	28	7	2	4	1	4	8	1	1
3111	Leather tanning and finishing.....	3	...	...	2	...	1	...	...	...
3141	Footwear (except house slippers).....	5	2	...	...	1	1	1	...	...
3142	House slippers.....	7	1	2	...	...	...	2	1	1
3152	Leather work gloves and mittens.....	1	...	...	1	...	...	...	...	...
3161	Luggage.....	5	2	...	...	...	1	2	...	...
3171	Handbags and purses.....	5	1	...	...	...	1	3	...	...
3172	Small leather goods.....	2	1	...	1	...	...	...	...	...
32	Stone, clay, and glass products.....	132	55	2	8	11	12	14	17	13
3221	Glass containers.....	1	1	...	...	...	...	...	...	...
3231	Products of purchased glass.....	2	1	...	...	...	1	...	...	...
3241	Cement, hydraulic.....	2	2	...	...	...	...	...	...	...
3251	Brick and hollow tile.....	1	1	...	...	...	...	...	...	...
3253	Floor and wall tile.....	1	...	...	...	...	1	...	...	...
3259	Structural clay products, n.e.c.....	1	...	...	...	...	...	...	1	...
3262	Vitreous-china food utensils.....	1	1	...	...	...	...	...	...	...
3269	Pottery products, n.e.c.....	1	...	...	...	...	...	...	...	1
3271	Concrete products.....	112	43	2	8	11	7	14	16	11
3274	Lime.....	6	5	...	...	...	1	...	...	...
3281	Cut-stone and stone products.....	2	1	...	...	...	...	...	...	1
3292	Asbestos products.....	1	...	...	...	...	1	...	...	...
3298	Statuary and art goods.....	1	...	...	...	...	1	...	...	...
33	Primary metal industries.....	10	2	1	3	...	...	2	1	1
3311	Blast furnaces.....	1	...	...	...	...	...	1	...	...
3321	Gray-iron foundries.....	1	...	1	...	...	...	...	...	...
3322	Malleable-iron foundries.....	1	1	...	...	...	...	...	...	...
3361	Nonferrous foundries.....	6	1	...	3	...	...	1	...	1
3399	Primary metal industries, n.e.c.....	1	...	...	...	...	...	...	1	...
34	Fabricated metal products.....	60	24	3	2	5	10	4	8	4
2411	Tin cans and other tinware.....	1	...	...	...	...	...	...	1	...
3421	Cutlery.....	1	...	...	...	...	...	...	1	...
3439	Heating and cooking apparatus, n.e.c.....	2	...	...	1	...	...	...	1	...
3441	Structural and ornamental products.....	26	17	1	...	1	2	1	1	3
3442	Metal doors, sash, and trim.....	12	2	...	...	4	3	...	2	...
3444	Sheet-metal work.....	7	3	1	1	...	...	...	1	1
3468	Plating and polishing.....	1	1	...	...	...	...	...	...	...
3471	Lighting fixtures.....	2	...	1	...	...	1	...	...	...
3481	Nails and spikes.....	1	...	...	...	...	...	...	1	...
3489	Wirework, n.e.c.....	1	...	...	...	...	...	1	...	...

... Represents zero.

Table 11.--NUMBER OF ESTABLISHMENTS IN PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND INDUSTRY: 1954--Continued

Ind. code	Industry	All estab- lishments	Number of establishments, by year establishment began operations							
			Before 1949	1949	1950	1951	1952	1953	1954	Not reported
34	Fabricated metal products--Continued									
3493	Steel springs.....	1	...	...	...	...	1	...	...	...
3494	Bolts, nuts, washers, and rivets.....	2	...	...	...	...	1	1	...	...
3495	Screw-machine products.....	1	...	...	...	...	1	...	...	...
3499	Fabricated metal products, n.e.c.....	2	1	...	...	...	1	...	...	...
35	Machinery (except electrical).....	19	10	...	1	...	3	2	3	...
3543	Cutting tools, jigs, fixtures, etc.....	2	...	...	...	...	1	1	...	...
3551	Food products machinery.....	3	2	...	...	...	1	...	...	...
3553	Woodworking machinery.....	1	...	...	...	...	...	...	1	...
3566	Power-transmission equipment.....	1	1	...	...	...	...	...	...	...
3589	Service and household machines, n.e.c.....	1	...	...	...	...	...	...	1	...
3591	Valves and fittings, except plumbers'.....	1	...	...	...	...	1	...	...	...
3593	Ball and roller bearings.....	1	...	...	...	...	...	1	...	...
3599	Machine shops.....	9	7	...	1	...	...	...	1	...
36	Electrical machinery.....	31	...	...	4	3	7	11	5	1
3611	Wiring devices and supplies.....	1	...	...	...	...	...	1	...	...
3613	Electric measuring instruments.....	1	...	...	...	...	1	...	...	...
3614	Motors and generators.....	1	...	...	...	...	...	1	...	...
3616	Transformers.....	2	...	...	...	...	1	...	1	...
3619	Electrical industrial apparatus, n.e.c.....	1	...	...	...	...	...	1	...	...
3621	Electrical appliances.....	4	...	...	2	...	1	...	1	...
3641	Engine electrical equipment.....	1	...	...	...	...	...	1	...	...
3651	Electric lamps.....	1	...	...	1	...	...	...	...	...
3661	Radios and related products.....	11	...	...	...	1	2	6	2	...
3662	Electronic tubes.....	3	...	...	...	1	...	1	...	1
3663	Phonograph records.....	2	...	...	1	...	1	...	...	...
3691	Storage batteries.....	2	...	...	...	...	1	...	1	...
3699	Electrical products, n.e.c.....	1	...	...	...	1	...	...	...	...
37	Transportation equipment.....	5	2	...	1	...	2	...	...	...
3713	Truck and bus bodies.....	1	1	...	...	...	...	...	...	...
3714	Motor-vehicle parts and accessories.....	1	...	...	...	...	1	...	...	...
3799	Transportation equipment, n.e.c.....	3	1	...	1	...	1	...	...	...
38	Instruments and related products.....	12	1	1	...	4	2	1	3	...
3811	Scientific instruments.....	1	...	...	...	...	...	...	1	...
3821	Mechanical measuring instruments.....	1	...	...	...	...	...	...	1	...
3842	Surgical appliances and supplies.....	4	1	1	...	1	1	...	...	...
3851	Ophthalmic goods.....	5	...	...	...	3	1	1	...	...
3861	Photographic equipment.....	1	...	...	...	...	...	...	1	...
39	Miscellaneous manufactures.....	86	31	5	9	6	11	11	11	2
3911	Jewelry (precious metal).....	1	...	1	...	...	...	...	...	...
3912	Jewelers' findings.....	1	...	...	...	...	...	1	...	...
3913	Lapidary work.....	5	2	1	...	1	...	1	...	...
3941	Games and toys, n.e.c.....	1	...	...	...	...	...	1	...	...
3942	Dolls.....	3	1	...	...	...	...	...	2	...
3949	Sporting and athletic goods.....	8	2	...	2	...	2	1	1	...
3951	Pens and mechanical pencils.....	2	...	...	...	...	1	1	...	...
3961	Costume jewelry.....	8	1	1	1	1	2	...	2	...
3962	Artificial flowers.....	6	5	...	...	...	...	1	...	...
3963	Buttons.....	5	5	...	...	...	...	...	...	...
3964	Needles, pins, and fasteners.....	5	...	...	2	2	...	1	...	...
3971	Plastic products, n.e.c.....	9	...	...	...	2	2	2	3	...
3981	Brooms and brushes.....	4	2	...	1	...	...	...	1	...
3984	Candles.....	2	1	...	1	...	...	...	...	...
3985	Fireworks and pyrotechnics.....	4	4	...	...	...	...	...	...	...
3988	Morticians' goods.....	4	1	1	...	...	...	...	...	2
3993	Signs and advertising displays.....	8	5	...	1	...	1	...	1	...
3994	Hair work.....	1	1	...	...	...	...	...	...	...
3995	Umbrellas, parasols, and canes.....	2	...	...	...	...	1	1	...	...
3996	Tobacco pipes.....	1	...	...	...	...	1	...	...	...
3999	Miscellaneous products, n.e.c.....	6	1	1	1	...	1	1	1	...

... Represents zero.

AREA STATISTICS

(39)

Table 1.--GENERAL STATISTICS BY REGIONS AND MUNICIPALITIES: 1954

(Dollar figures in thousands. See Introduction for explanation of column captions)

Area	Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home workers, wages	Value added by manufacture
			Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
Puerto Rico, total.....	1,938	1,298	69,022	\$83,263	60,336	\$59,289	\$6,034	\$188,331
Northwest Coast.....	90	80	1,945	2,058	1,759	1,663	534	5,171
Aguada.....	5	4	440	766	397	556	...	1,856
Aguadilla.....	39	36	464	472	430	413	465	1,876
Anasco.....	4	3	36	34	35	32	...	55
Camuy.....	14	10	534	417	449	330	66	1,036
Hatillo.....	7	7	280	183	268	159	3	239
Isabela.....	8	7	150	158	139	145	...	30
Moca.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Quebradillas.....	9	9	33	22	33	22	...	67
Rincon.....	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
North Central Coast.....	179	118	7,058	8,640	6,333	6,278	270	20,888
Arecibo.....	82	52	2,707	3,286	2,392	2,397	113	7,930
Barceloneta.....	9	7	436	512	406	402	2	1,626
Dorado.....	7	(D)	130	172	115	127	115	405
Manati.....	32	30	1,501	1,245	1,416	1,011	...	2,000
Toa Alta.....	5	(D)	111	75	89	48	30	165
Toa Baja.....	13	5	472	905	382	581	...	1,428
Vega Alta.....	13	7	403	685	353	482	10	3,773
Vega Baja.....	18	11	1,298	1,760	1,180	1,230	...	3,561
Metropolitan San Juan.....	652	346	22,410	30,425	18,616	20,233	1,318	70,315
Bayamon.....	97	58	3,711	4,010	3,279	3,041	23	9,416
Carolina.....	31	14	1,199	1,284	1,059	1,085	873	2,980
Catano.....	12	8	283	230	268	192	...	345
Guaynabo.....	21	(D)	1,794	3,348	1,438	2,263	93	8,940
Rio Piedras.....	220	82	7,186	10,018	5,950	6,231	110	21,878
San Juan.....	268	178	7,931	11,133	6,331	7,198	219	25,973
Trujillo Alto.....	3	(D)	306	275	291	223	...	789
Northeast Coast.....	35	20	1,020	1,809	895	1,250	27	3,481
Culebra.....	...	...	...	...	...	...	...	...
Fajardo.....	12	7	491	958	419	614	2	1,975
Loiza.....	6	(D)	424	757	382	561	25	1,375
Luquillo.....	3	(D)	13	12	12	9	...	32
Rio Grande.....	9	6	67	53	60	46	...	71
Vieques.....	5	4	25	29	22	20	...	28
East Coast.....	40	39	1,254	1,651	1,128	1,302	...	2,503
Ceiba.....	...	...	...	...	...	...	...	...
Humacao.....	22	22	617	931	555	715	...	1,716
Maunabo.....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Naguabo.....	10	8	53	67	36	35	...	109
Yabucoa.....	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Southeast Coast.....	94	72	3,545	5,196	2,923	3,286	81	8,812
Arroyo.....	7	5	390	555	288	320	...	875
Coamo.....	24	20	543	438	501	265	54	699
Guayama.....	24	22	902	1,471	753	971	26	2,102
Juana Díaz.....	12	11	78	78	63	58	1	61
Patillas.....	11	10	40	29	38	25	...	45
Salinas.....	6	(D)	1,003	2,108	740	1,235	...	4,611
Santa Isabel.....	5	(D)	402	410	376	323	...	203
Villalba.....	5	(D)	187	107	164	89	...	216
Metropolitan Ponce.....	169	109	6,197	8,702	5,187	5,919	135	18,793
Ponce.....	169	109	6,197	8,702	5,187	5,919	135	18,793
Southwest Coast.....	161	132	5,551	5,264	4,977	3,949	755	11,060
Cabo Rojo.....	39	34	510	386	477	281	7	722
Guanica.....	11	6	1,026	1,760	820	1,104	...	3,755
Guayanilla.....	7	6	639	626	584	502	...	950
Hormigueros.....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Lajas.....	11	10	172	97	165	92	11	158
Penuelas.....	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sabana Grande.....	15	11	1,169	601	1,089	528	170	1,010
San German.....	30	28	667	465	605	391	241	878
Yauco.....	42	33	1,044	783	970	657	324	1,732
Metropolitan Mayaguez.....	177	138	5,740	6,867	4,991	4,959	1,786	20,781
Mayaguez.....	177	138	5,740	6,867	4,991	4,959	1,786	20,781
West Central Highlands.....	76	58	1,503	1,656	1,373	1,292	9	3,008
Adjuntas.....	16	12	144	110	118	82	9	218
Ciales.....	9	6	460	439	440	413	...	607
Jayuya.....	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Lares.....	7	5	39	25	34	21	...	54
Las Marias.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maricao.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
San Sebastian.....	19	16	363	672	311	411	...	1,451
Utua.....	18	12	478	391	454	348	...	653

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

AREA STATISTICS

41

Table 1.—GENERAL STATISTICS BY REGIONS AND MUNICIPALITIES: 1954--Continued
(Dollar figures in thousands. See Introduction for explanation of column captions)

Area	Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home workers, wages	Value added by manufacture
			Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total		
East Central Highlands.....	101	66	5,507	\$4,197	5,301	\$3,689	\$489	\$10,618
Aguas Buenas.....	12	8	226	221	210	177	...	1,551
Aibonito.....	13	7	833	493	783	405	456	1,961
Barranquitas.....	5	(D)	22	18	20	16	...	31
Cayey.....	29	18	1,245	1,518	1,184	1,274	28	4,176
Cidra.....	8	6	495	326	482	298	...	385
Comerio.....	5	3	1,417	843	1,395	806	2	1,165
Corozal.....	11	7	661	353	644	313	...	555
Morovis.....	8	8	97	68	93	68	2	185
Naranjito.....	7	4	455	309	436	290	...	473
Orocovis.....	3	(D)	56	48	54	42	1	136
Caguas Valley.....	164	120	7,292	6,798	6,853	5,469	630	12,901
Caguas.....	89	58	3,981	4,136	3,648	3,218	71	8,650
Gurabo.....	10	7	509	448	488	393	1	835
Juncos.....	37	31	1,199	1,247	1,158	958	558	2,169
Las Piedras.....	6	4	368	214	350	190	...	308
San Lorenzo.....	22	20	1,235	753	1,209	710	...	939

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

Table 2.—NUMBER OF ESTABLISHMENTS, BY EMPLOYMENT SIZE GROUP AND MAJOR INDUSTRY GROUP, BY REGIONS AND MUNICIPALITIES: 1954

20 Food and kindred products	25 Furniture and fixtures	30 Rubber products	35 Machinery (except electrical)
21 Tobacco manufactures	26 Paper and allied products	31 Leather and leather products	36 Electrical machinery
22 Textile mill products	27 Printing and publishing industries	32 Stone, clay, and glass products	37 Transportation equipment
23 Apparel and related products	28 Chemicals and allied products	33 Primary metal industries	38 Instruments and related products
24 Lumber and products, exc. furniture	29 Petroleum and coal products	34 Fabricated metal products	39 Miscellaneous manufactures

Area and employment size of establishment	All establishments	Number of establishments, by major industry group (see headnote for group titles)																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Puerto Rico, total.....	1,938	497	259	36	341	38	202	9	93	71	3	6	28	132	10	60	19	31	5	12	86
Fewer than 10 employees..	1,027	273	205	6	97	30	115	3	70	39	1	...	8	92	6	34	6	5	3	4	30
10 to 49 employees.....	558	143	10	14	132	7	73	2	19	25	2	6	8	28	4	22	11	18	1	4	29
50 employees or more.....	353	81	44	16	112	1	14	4	4	7	...	...	12	12	...	4	2	8	1	4	27
REGIONS																					
Northwest Coast.....	90	34	13	1	8	2	13	...	3	1	...	...	...	8	...	...	...	...	1	...	6
Fewer than 10 employees..	68	27	13	...	4	2	7	...	3	1	...	...	...	7	...	...	...	...	1	...	3
10 to 49 employees.....	14	3	...	1	2	...	4	...	...	...	...	...	...	1	...	...	...	...	...	...	3
50 employees or more.....	8	4	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Central Coast.....	179	48	36	6	26	5	20	1	5	3	...	...	4	15	...	2	...	5	1	...	2
Fewer than 10 employees..	99	24	28	1	6	5	16	...	5	1	...	...	...	10	...	...	...	2	1	...	...
10 to 49 employees.....	39	11	2	2	10	...	4	1	...	2	...	...	...	4	...	1	...	2	...	...	...
50 employees or more.....	41	13	6	3	10	...	...	...	...	...	...	...	4	1	...	1	...	1	...	...	2
Metropolitan San Juan.....	652	112	25	11	113	17	81	7	47	44	2	5	6	51	5	48	8	21	1	5	43
Fewer than 10 employees..	300	45	21	4	33	10	45	3	31	25	...	...	1	32	2	26	2	3	1	3	13
10 to 49 employees.....	233	45	1	3	42	6	28	1	12	13	2	5	5	12	3	20	4	13	...	2	16
50 employees or more.....	119	22	3	4	38	1	8	3	4	6	...	...	...	7	...	2	2	5	...	...	14
Northeast Coast.....	35	13	4	...	3	1	1	...	1	...	...	...	2	4	...	...	1	1	...	1	3
Fewer than 10 employees..	21	9	4	...	...	1	1	...	1	...	...	...	...	3	...	...	1	...	...	...	1
10 to 49 employees.....	9	2	...	...	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	2
50 employees or more.....	5	2	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...
East Coast.....	40	17	5	...	...	2	6	...	1	1	...	...	...	6	...	...	...	...	1	...	1
Fewer than 10 employees..	29	9	5	...	...	2	6	...	1	1	...	...	...	5	...	...	...	...	...	...	...
10 to 49 employees.....	7	4	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1
50 employees or more.....	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Southeast Coast.....	94	32	28	2	9	...	6	...	1	2	...	...	1	5	...	...	2	2	...	1	3
Fewer than 10 employees..	58	16	28	...	1	...	4	...	1	1	...	...	1	5	...	...	1	...	...	...	...
10 to 49 employees.....	19	9	...	2	2	...	2	...	...	1	...	...	...	...	...	...	1	1	...	...	1
50 employees or more.....	17	7	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2
Metropolitan Ponce.....	169	47	14	2	27	4	22	1	12	4	1	1	3	11	1	8	4	1	...	1	5
Fewer than 10 employees..	79	24	13	...	9	3	6	...	6	3	1	...	...	3	1	7	1	...	...	...	2
10 to 49 employees.....	58	12	1	1	9	1	16	...	6	1	...	1	...	6	...	...	3	1	...	...	...
50 employees or more.....	32	11	...	1	9	...	...	1	...	...	...	...	3	2	...	1	...	...	...	1	...

... Represents zero.

Table 2.--NUMBER OF ESTABLISHMENTS, BY EMPLOYMENT SIZE GROUP AND MAJOR INDUSTRY GROUP, BY REGIONS AND MUNICIPALITIES: 1954--Continued

20 Food and kindred products	25 Furniture and fixtures	30 Rubber products	35 Machinery (except electrical)
21 Tobacco manufactures	26 Paper and allied products	31 Leather and leather products	36 Electrical machinery
22 Textile mill products	27 Printing and publishing industries	32 Stone, clay, and glass products	37 Transportation equipment
23 Apparel and related products	28 Chemicals and allied products	33 Primary metal industries	38 Instruments and related products
24 Lumber and products, exc. furniture	29 Petroleum and coal products	34 Fabricated metal products	39 Miscellaneous manufactures

Area and employment size of establishment	All establishments	Number of establishments, by major industry group (see headnote for group titles)																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
REGIONS--Continued																					
Southwest Coast.....	161	50	28	2	37	2	17	...	7	11	...	...	1	4	...	1	...	...	...	...	1
Fewer than 10 employees..	88	30	27	...	5	2	7	...	7	5	...	...	...	4	...	...	...	...	...	...	1
10 to 49 employees.....	47	14	1	1	17	...	8	...	...	5	...	...	...	...	1	...	...	...	...	...	...
50 employees or more.....	26	6	...	1	15	...	2	...	...	1	...	...	1	...	...	...	...	...	...	...	...
Metropolitan Mayagüez.....	177	44	9	2	72	3	16	...	8	3	...	...	1	7	3	...	3	...	...	2	4
Fewer than 10 employees..	84	22	9	...	23	3	8	...	7	1	...	...	1	3	3	...	1	...	...	1	2
10 to 49 employees.....	65	15	...	1	32	...	8	...	1	2	...	...	...	3	...	2	...	...	...	1	1
50 employees or more.....	28	7	...	1	17	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
West Central Highlands.....	76	38	12	...	4	1	5	...	2	...	...	...	4	5	...	...	...	1	...	1	3
Fewer than 10 employees..	55	25	8	...	3	1	5	...	2	...	...	...	3	5	...	...	...	...	...	...	3
10 to 49 employees.....	14	12	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
50 employees or more.....	7	1	4	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...
East Central Highlands.....	101	33	30	7	10	...	4	...	2	1	...	...	2	6	...	...	...	...	...	...	6
Fewer than 10 employees..	62	24	19	1	3	...	4	...	2	1	...	...	1	5	...	...	...	...	...	2	2
10 to 49 employees.....	13	7	1	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
50 employees or more.....	26	2	10	4	6	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	3
Caguas Valley.....	164	29	55	3	32	1	11	...	4	1	...	...	4	10	1	1	1	...	1	1	9
Fewer than 10 employees..	84	18	30	...	10	1	6	...	4	...	...	...	1	10	...	1	...	...	...	...	3
10 to 49 employees.....	40	9	4	1	13	...	3	...	...	1	...	...	2	...	1	...	1	...	...	1	4
50 employees or more.....	40	2	21	2	9	...	2	...	...	...	...	...	1	...	...	...	...	...	1	...	2
MUNICIPALITIES																					
Northwest Coast.....	90	34	13	1	8	2	13	...	3	1	...	...	...	8	...	...	...	...	1	...	6
Aguada.....	5	3	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	4	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aguadilla.....	39	10	5	1	4	1	10	...	3	...	...	...	...	1	...	...	...	...	1	...	3
Fewer than 10 employees..	27	9	5	...	2	1	4	...	3	...	...	...	...	...	...	...	...	...	1	...	2
10 to 49 employees.....	10	1	...	1	2	...	4	...	...	...	...	...	...	1	...	...	...	...	...	...	1
50 employees or more.....	2	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anasco.....	4	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Fewer than 10 employees..	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camuy.....	14	8	...	1	...	1	...	...	1	...	...	...	...	2	...	...	...	...	...	...	1
Fewer than 10 employees..	10	4	...	1	...	1	...	...	1	...	...	...	...	2	...	...	...	...	...	...	1
10 to 49 employees.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hatillo.....	7	3	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Fewer than 10 employees..	4	3	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
50 employees or more.....	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isabela.....	8	4	1	...	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Fewer than 10 employees..	7	3	1	...	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Moca.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quebradillas.....	9	3	3	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	9	3	3	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rincón.....	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Central Coast.....	179	48	36	6	26	5	20	1	5	3	...	...	4	15	...	2	...	5	1	...	2
Arecibo.....	82	24	7	2	21	3	12	...	3	2	...	...	1	5	...	...	...	...	1	...	1
Fewer than 10 employees..	41	12	6	...	5	3	8	...	3	...	...	...	...	3	...	...	...	...	...	...	...
10 to 49 employees.....	23	6	...	1	8	...	4	...	...	2	...	...	...	2	...	...	...	...	...	...	...
50 employees or more.....	18	6	1	1	8	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Barceloneta.....	9	3	2	...	2	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Fewer than 10 employees..	6	2	1	...	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	3	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

... Represents zero.

Table 2.--NUMBER OF ESTABLISHMENTS, BY EMPLOYMENT SIZE GROUP AND MAJOR INDUSTRY GROUP, BY REGIONS AND MUNICIPALITIES: 1954--Continued

20 Food and kindred products	25 Furniture and fixtures	30 Rubber products	35 Machinery (except electrical)
21 Tobacco manufactures	26 Paper and allied products	31 Leather and leather products	36 Electrical machinery
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23 Apparel and related products	28 Chemicals and allied products	33 Primary metal industries	38 Instruments and related products
24 Lumber and products, exc. furniture	29 Petroleum and coal products	34 Fabricated metal products	39 Miscellaneous manufactures

Area and employment size of establishment	All establishments	Number of establishments, by major industry group (see headnote for group titles)																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MUNICIPALITIES--Continued																					
North Central Coast--Continued																					
Dorado.....	7	...	1	1	1	...	1	...	...	...	...	1	...	...	...	...	2	...	...	...
Fewer than 10 employees..	4	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...
10 to 49 employees.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
50 employees or more.....	2	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Manati.....	32	6	13	...	...	1	5	...	1	...	...	1	4	...	...	...	...	...	...	...
Fewer than 10 employees..	21	3	8	...	...	1	5	...	1	...	...	...	3	...	...	...	...	...	...	...
10 to 49 employees.....	4	1	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
50 employees or more.....	7	2	3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	
Toa Alta.....	5	1	2	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Fewer than 10 employees..	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Toa Baja.....	13	8	1	...	...	1	...	...	...	1	...	...	2	...	...	...	...	...	...	...
Fewer than 10 employees..	7	3	1	...	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	3	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
50 employees or more.....	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vega Alta.....	13	3	5	1	1	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...
Fewer than 10 employees..	6	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	3	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	4	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...
Vega Baja.....	18	3	5	2	...	...	2	...	1	...	...	...	2	...	1	...	2	...	...	...
Fewer than 10 employees..	11	1	5	...	...	...	2	...	1	...	...	...	1	...	...	...	1	...	...	...
10 to 49 employees.....	4	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
50 employees or more.....	3	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Metropolitan San Juan.....	652	112	25	11	113	17	81	7	47	44	2	5	6	51	5	48	8	21	1	5	43
Bayamon.....	97	16	12	1	38	2	5	...	2	1	...	1	...	4	...	3	2	3	...	...	7
Fewer than 10 employees..	47	7	10	1	15	2	5	...	1	...	...	...	...	2	...	1	1	...	...	...	2
10 to 49 employees.....	33	6	...	...	14	...	...	...	1	1	...	1	...	2	...	1	1	2	...	...	4
50 employees or more.....	17	3	2	...	9	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	1
Carolina.....	31	3	2	2	3	...	5	1	...	2	1	1	...	7	...	1	...	1	...	...	2
Fewer than 10 employees..	11	...	2	...	...	...	2	...	...	2	...	...	...	3	...	1	...	...	...	...	1
10 to 49 employees.....	14	2	...	1	1	...	3	1	...	...	1	1	...	2	...	...	1	...	...	...	1
50 employees or more.....	6	1	...	1	2	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Cataño.....	12	2	2	...	...	...	1	...	...	1	...	...	...	2	1	1	...	...	...	1	1
Fewer than 10 employees..	9	2	1	...	...	...	1	...	...	1	...	...	...	2	...	...	...	...	...	1	1
10 to 49 employees.....	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
50 employees or more.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guaynabo.....	21	3	1	1	3	...	4	2	...	...	...	...	...	3	...	3	...	...	...	...	1
Fewer than 10 employees..	4	1	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	6	1	...	...	1	...	1	...	...	...	...	...	...	...	...	2	...	...	...	...	1
50 employees or more.....	11	1	...	1	2	...	2	2	...	...	...	...	...	2	...	1	...	...	...	...	...
Río Piedras.....	220	40	...	1	22	10	32	1	12	22	1	1	4	19	2	19	3	8	1	4	18
Fewer than 10 employees..	82	12	...	1	5	5	15	...	9	8	...	...	1	10	1	7	...	...	1	2	5
10 to 49 employees.....	100	20	...	...	10	5	12	...	3	10	1	1	3	7	1	12	3	5	...	2	5
50 employees or more.....	38	8	...	...	7	...	5	1	...	4	...	...	...	2	...	...	...	3	...	...	8
San Juan.....	268	48	8	4	47	5	34	3	33	18	...	2	2	15	2	21	3	9	...	...	14
Fewer than 10 employees..	146	23	7	2	13	3	21	3	21	14	...	...	...	13	1	17	1	3	...	...	4
10 to 49 employees.....	77	16	1	1	16	1	12	...	8	2	...	2	2	1	1	4	...	5	...	...	5
50 employees or more.....	45	9	...	1	18	1	1	...	4	2	...	...	...	1	...	...	2	1	...	...	5
Trujillo Alto.....	3	...	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northeast Coast.....																					
Culebra.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fajardo.....	12	4	1	...	1	...	...	...	1	...	...	...	...	3	...	...	...	1	...	...	1
Fewer than 10 employees..	6	2	1	...	...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...
10 to 49 employees.....	3	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
50 employees or more.....	3	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...
Loíza.....	6	2	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1
Fewer than 10 employees..	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
10 to 49 employees.....	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Luquillo.....	3	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Fewer than 10 employees..	3	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

... Represents zero.

Table 2.--NUMBER OF ESTABLISHMENTS, BY EMPLOYMENT SIZE GROUP AND MAJOR INDUSTRY GROUP, BY REGIONS AND MUNICIPALITIES: 1954--Continued

20 Food and kindred products	25 Furniture and fixtures	30 Rubber products	35 Machinery (except electrical)
21 Tobacco manufactures	26 Paper and allied products	31 Leather and leather products	36 Electrical machinery
22 Textile mill products	27 Printing and publishing industries	32 Stone, clay, and glass products	37 Transportation equipment
23 Apparel and related products	28 Chemicals and allied products	33 Primary metal industries	38 Instruments and related products
24 Lumber and products, exc. furniture	29 Petroleum and coal products	34 Fabricated metal products	39 Miscellaneous manufactures

Area and employment size of establishment	All estab- lish- ments	Number of establishments, by major industry group (see headnote for group titles)																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MUNICIPALITIES--Continued																					
Northeast Coast--Continued																					
Rio Grande.....	9	4	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	1
Fewer than 10 employees..	6	4	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...
10 to 49 employees.....	3	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vieques.....	5	2	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	4	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Coast.....	40	17	5	...	...	2	6	...	1	1	...	...	...	6	...	...	...	...	1	...	1
Ceiba.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Humacao.....	22	9	1	...	2	3	...	1	1	...	...	...	3	...	...	...	...	...	1	...	1
Fewer than 10 employees..	16	6	1	...	2	3	...	1	1	...	...	...	2	...	...	...	...	...	...	...	...
10 to 49 employees.....	4	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1
50 employees or more.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maunabo.....	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Naguabo.....	10	4	1	...	...	3	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
Fewer than 10 employees..	8	2	1	...	...	3	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
10 to 49 employees.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yabucoa.....	6	3	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Fewer than 10 employees..	3	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Southeast Coast.....	94	32	28	2	9	...	6	...	1	2	...	...	1	5	...	...	2	2	...	1	3
Arroyo.....	7	6	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	4	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coamo.....	24	5	9	1	2	...	3	...	1	...	...	...	...	...	...	...	1	2	...	...	...
Fewer than 10 employees..	16	4	9	...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...
10 to 49 employees.....	5	1	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
50 employees or more.....	3	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Guayama.....	24	10	2	...	2	...	2	...	1	1	...	...	1	2	...	...	1	...	...	1	1
Fewer than 10 employees..	13	5	2	...	...	2	...	1	...	...	...	...	1	2	...	...	...	...	...	...	...
10 to 49 employees.....	7	3	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	1
50 employees or more.....	4	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Juana Diaz.....	12	2	7	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Fewer than 10 employees..	9	...	7	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
10 to 49 employees.....	3	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patillas.....	11	2	7	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	10	2	7	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salinas.....	6	3	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2
Fewer than 10 employees..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Santa Isabel.....	5	2	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	3	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Villalba.....	5	2	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	3	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Metropolitan Ponce.....	169	47	14	2	27	4	22	1	2	4	1	1	3	11	1	8	4	1	...	1	5
Ponce.....	169	47	14	2	27	4	22	1	12	4	1	1	3	11	1	8	4	1	...	1	5
Fewer than 10 employees..	79	24	13	...	9	3	6	...	6	3	1	...	...	3	1	7	1	...	...	...	2
10 to 49 employees.....	58	12	1	1	9	1	16	...	6	1	...	1	...	6	...	...	3	1	...	...	...
50 employees or more.....	32	11	...	1	9	...	...	1	...	...	...	...	3	2	...	1	...	...	...	1	3

... Represents zero.

Table 2.--NUMBER OF ESTABLISHMENTS, BY EMPLOYMENT SIZE GROUP AND MAJOR INDUSTRY GROUP, BY REGIONS AND MUNICIPALITIES: 1954--Continued

20 Food and kindred products	25 Furniture and fixtures	30 Rubber products	35 Machinery (except electrical)
21 Tobacco manufactures	26 Paper and allied products	31 Leather and leather products	36 Electrical machinery
22 Textile mill products	27 Printing and publishing industries	32 Stone, clay, and glass products	37 Transportation equipment
23 Apparel and related products	28 Chemicals and allied products	33 Primary metal industries	38 Instruments and related products
24 Lumber and products, exc. furniture	29 Petroleum and coal products	34 Fabricated metal products	39 Miscellaneous manufactures

Area and employment size of establishment	All estab- lish- ments	Number of establishments, by major industry group (see headnote for group titles)																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MUNICIPALITIES--Continued																					
Southwest Coast.....	161	50	28	2	37	2	17	...	7	11	...	...	1	4	...	1	...	...	...	...	1
Cabo Rojo.....	39	17	1	...	7	...	9	...	...	2	...	...	1	1	...	1	...	...	...	...	...
Fewer than 10 employees..	24	15	1	...	2	...	4	...	...	1	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	13	1	...	...	5	...	5	...	...	1	...	...	...	...	...	1	...	...	...	...	...
50 employees or more.....	2	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Guanica.....	11	3	1	...	3	...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	4	1	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	5	1	...	...	3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Guayanilla.....	7	3	3	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	4	...	3	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hormigueros.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lajas.....	11	3	...	...	2	1	...	...	1	4	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	6	2	...	...	1	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	3	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peñuelas.....	4	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	2	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sábana Grande.....	15	2	5	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	6	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	7	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
San Germán.....	30	7	2	...	11	1	1	...	4	...	...	...	...	3	...	...	...	...	...	...	1
Fewer than 10 employees..	18	5	2	...	2	1	...	...	4	...	...	...	...	3	...	...	...	...	...	...	1
10 to 49 employees.....	10	2	...	...	7	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yauco.....	42	10	16	2	6	...	6	...	2	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	23	3	15	...	1	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	11	6	1	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	8	1	...	1	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Metropolitan Mayaguez.....	177	44	9	2	72	3	16	...	8	3	...	...	1	7	3	...	3	...	...	2	4
Mayaguez.....	177	44	9	2	72	3	16	...	8	3	...	...	1	7	3	...	3	...	...	2	4
Fewer than 10 employees..	84	22	9	...	23	3	8	...	7	1	...	...	1	3	3	...	1	...	...	1	2
10 to 49 employees.....	65	15	...	1	32	...	8	...	1	2	...	...	...	3	...	...	2	...	...	...	1
50 employees or more.....	28	7	...	1	17	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
West Central Highlands.....	76	38	12	...	4	1	5	...	2	...	...	...	4	5	...	...	...	1	...	1	3
Adjuntas.....	16	10	2	...	1	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...
Fewer than 10 employees..	10	4	2	...	1	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...
10 to 49 employees.....	6	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ciales.....	9	4	1	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	1	...
Fewer than 10 employees..	6	3	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Jayuya.....	5	2	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	5	2	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lares.....	7	4	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	6	3	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Las Marías.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maricao.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

... Represents zero.

Table 2.--NUMBER OF ESTABLISHMENTS, BY EMPLOYMENT SIZE GROUP AND MAJOR INDUSTRY GROUP, BY REGIONS AND MUNICIPALITIES: 1954--Continued

20 Food and kindred products	25 Furniture and fixtures	30 Rubber products	35 Machinery (except electrical)
21 Tobacco manufactures	26 Paper and allied products	31 Leather and leather products	36 Electrical machinery
22 Textile mill products	27 Printing and publishing industries	32 Stone, clay, and glass products	37 Transportation equipment
23 Apparel and related products	28 Chemicals and allied products	33 Primary metal industries	38 Instruments and related products
24 Lumber and products, exc. furniture	29 Petroleum and coal products	34 Fabricated metal products	39 Miscellaneous manufactures

Area and employment size of establishment	All establishments	Number of establishments, by major industry group (see headnote for group titles)																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MUNICIPALITIES—Continued																					
West Central Highlands—Con.																					
San Sebastián.....	19	10	2	...	1	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	3
Fewer than 10 employees..	14	6	2	...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	3
10 to 49 employees.....	4	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Utua.....	18	6	6	...	...	...	1	...	1	...	...	...	1	2	...	...	...	1	...	...	...
Fewer than 10 employees..	12	5	3	...	...	...	1	...	1	...	...	...	...	2	...	...	...	...	...	...	...
10 to 49 employees.....	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
50 employees or more.....	4	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
East Central Highlands.....																					
Agua Buenas.....	12	2	4	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	6
Fewer than 10 employees..	8	1	4	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2
10 to 49 employees.....	3	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aibonito.....	13	3	2	1	2	...	2	...	...	1	...	...	1	1	...	...	...	...	...	...	...
Fewer than 10 employees..	7	2	...	...	...	...	2	...	...	1	...	...	1	1	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	5	...	2	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barranquitas.....	5	2	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	5	2	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cayey.....	29	9	9	1	4	...	1	...	2	...	...	...	...	1	...	...	...	...	...	...	2
Fewer than 10 employees..	18	7	5	1	1	...	1	...	2	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	3	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
50 employees or more.....	8	1	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Cidra.....	8	3	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	4	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Comerio.....	5	2	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Fewer than 10 employees..	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	3	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Corozal.....	11	5	2	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1
Fewer than 10 employees..	6	3	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	2	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
50 employees or more.....	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Morovis.....	8	4	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	7	4	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Naranjito.....	7	1	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Fewer than 10 employees..	4	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	3	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Orocovis.....	3	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fewer than 10 employees..	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 employees.....	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Caguas Valley.....																					
Caguas.....	89	19	23	...	17	...	8	...	3	1	...	...	4	4	...	1	1	...	1	1	6
Fewer than 10 employees..	40	11	8	...	7	...	3	...	3	...	...	...	1	4	...	1	...	...	...	...	2
10 to 49 employees.....	27	7	4	...	6	...	3	...	...	1	...	...	2	...	...	1	...	...	...	1	2
50 employees or more.....	22	1	11	...	4	...	2	...	...	...	...	...	1	...	...	...	...	...	1	...	2
Gurabo.....	10	2	3	2	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	5	1	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	3	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Juncos.....	37	5	9	1	11	1	2	...	1	...	...	...	...	3	1	...	...	...	...	...	...
Fewer than 10 employees..	19	4	6	...	1	1	2	...	1	...	...	...	...	3	...	...	...	...	...	...	...
10 to 49 employees.....	10	...	...	1	6	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2
50 employees or more.....	8	1	3	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Las Piedras.....	6	3	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	3	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	2	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
San Lorenzo.....	22	...	19	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Fewer than 10 employees..	17	...	14	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
10 to 49 employees.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 employees or more.....	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

... Represents zero.

Table 3.--SELECTED STATISTICS BY EMPLOYMENT SIZE OF ESTABLISHMENT, BY REGIONS AND STANDARD METROPOLITAN AREAS: 1954

(Dollar figures in thousands. Figures for any size class which cannot be shown without disclosing information for individual companies have been combined with figures for an adjacent size class. A (D) appears in the column where the figure has been withheld and the combined figure is underscored. As a result, wherever size class figures for industry groups are underscored, or a (D) appears, the figures for the industry groups will not add to the Puerto Rico total for that size class. See Introduction for explanation of items)

Area and item	All establishments	Establishments with--							
		Fewer than 5 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 employees or more
Puerto Rico, total:									
Number of establishments.....	1,938	706	321	281	277	171	133	40	9
Number of employees.....	69,022	1,557	2,129	3,880	8,684	12,062	21,553	13,508	5,649
Value added by manufacture...	\$188,331	\$3,160	\$4,568	\$10,489	\$25,622	\$30,093	\$54,704	\$48,807	\$10,888
STANDARD METROPOLITAN AREAS									
Mayagüez: ¹									
Number of establishments.....	177	50	34	34	31	14	11	2	1
Number of employees.....	5,740	118	229	466	1,000	914	3,013	(D)	(D)
Value added by manufacture...	\$20,781	\$346	\$593	\$985	\$3,387	\$1,677	\$13,793	(D)	(D)
Ponce: ¹									
Number of establishments.....	169	49	30	37	21	18	9	4	1
Number of employees.....	6,197	109	200	510	619	1,295	1,419	2,045	(D)
Value added by manufacture...	\$18,793	\$209	\$435	\$1,051	\$1,354	\$2,791	\$4,965	\$7,988	(D)
San Juan: ²									
Number of establishments.....	618	173	115	97	121	58	42	12	...
Number of employees.....	20,905	424	762	1,377	3,882	4,134	10,326	(D)	...
Value added by manufacture...	\$66,546	\$1,076	\$1,649	\$4,088	\$13,048	\$11,292	\$35,393	(D)	...
REGIONS									
Northwest Coast:									
Number of establishments.....	90	52	16	6	8	3	4	1	...
Number of employees.....	1,945	113	112	74	254	218	1,174	(D)	...
Value added by manufacture...	\$5,171	\$202	\$391	\$202	\$1,370	\$402	\$2,604	(D)	...
North Central Coast:									
Number of establishments.....	179	74	25	14	25	23	13	4	1
Number of employees.....	7,058	160	160	184	744	1,633	2,389	1,788	(D)
Value added by manufacture...	\$20,888	\$303	\$320	\$1,874	\$1,504	\$6,345	\$3,629	\$6,913	(D)
Metropolitan San Juan: ²									
Number of establishments.....	652	185	115	103	130	60	46	13	...
Number of employees.....	22,410	447	762	1,456	4,186	4,262	6,848	4,449	...
Value added by manufacture...	\$70,315	\$1,112	\$1,649	\$4,419	\$13,600	\$11,536	\$22,264	\$15,735	...
Northeast Coast:									
Number of establishments.....	35	16	5	7	2	3	...	2	...
Number of employees.....	1,020	31	32	89	(D)	868	...	(D)	...
Value added by manufacture...	\$3,481	\$79	\$57	\$96	(D)	\$3,249	...	(D)	...
East Coast:									
Number of establishments.....	40	26	3	4	3	...	2	2	...
Number of employees.....	1,254	45	16	67	1,126	...	(D)	(D)	...
Value added by manufacture...	\$2,503	\$106	\$21	\$111	\$2,265	...	(D)	(D)	...
Southeast Coast:									
Number of establishments.....	94	45	13	13	6	7	7	2	1
Number of employees.....	3,545	89	85	175	160	530	2,506	(D)	(D)
Value added by manufacture...	\$8,812	\$110	\$113	\$219	\$189	\$1,034	\$7,147	(D)	(D)
Metropolitan Ponce: ¹									
Number of establishments.....	169	49	30	37	21	18	9	4	1
Number of employees.....	6,197	109	200	510	619	1,295	1,419	2,045	(D)
Value added by manufacture...	\$18,793	\$209	\$435	\$1,051	\$1,354	\$2,791	\$4,965	\$7,988	(D)
Southwest Coast:									
Number of establishments.....	161	67	21	27	20	16	5	3	2
Number of employees.....	5,551	141	138	363	635	1,120	805	2,349	(D)
Value added by manufacture...	\$11,060	\$207	\$297	\$460	\$834	\$2,561	\$1,071	\$5,630	(D)
Metropolitan Mayagüez: ¹									
Number of establishments.....	177	50	34	34	31	14	11	2	1
Number of employees.....	5,740	118	229	466	1,000	914	3,013	(D)	(D)
Value added by manufacture...	\$20,781	\$346	\$593	\$985	\$3,387	\$1,677	\$13,793	(D)	(D)
West Central Highlands:									
Number of establishments.....	76	39	16	12	2	3	3	1	...
Number of employees.....	1,503	81	112	177	(D)	228	905	(D)	...
Value added by manufacture...	\$3,008	\$126	\$200	\$206	(D)	\$459	\$2,017	(D)	...
East Central Highlands:									
Number of establishments.....	101	41	21	7	6	7	14	3	2
Number of employees.....	5,507	89	135	95	198	448	\$2,120	2,422	(D)
Value added by manufacture...	\$10,618	\$150	\$224	\$142	\$984	\$782	\$6,221	\$2,115	(D)
Caguas Valley:									
Number of establishments.....	164	62	22	17	23	17	19	3	1
Number of employees.....	7,292	134	148	224	720	1,224	3,348	1,494	(D)
Value added by manufacture...	\$12,901	\$210	\$268	\$724	\$2,174	\$2,176	\$5,164	\$2,185	(D)

... Represents zero.

¹ The Mayagüez and Ponce Standard Metropolitan Areas are coextensive with Metropolitan Mayagüez and Metropolitan Ponce regions, respectively.

² The San Juan Standard Metropolitan Area consists of San Juan, Rio Piedras, Cataño, Guaynabo, and Bayamón municipalities; whereas Carolina and Trujillo Alto municipalities are added to form Metropolitan San Juan region.

1954 PUERTO RICO CENSUS OF MANUFACTURES

Table 4.--VALUE OF INVENTORIES AND CAPITAL EXPENDITURES OF ESTABLISHMENTS WITH 10 EMPLOYEES OR MORE, BY MAJOR INDUSTRY GROUP, FOR STANDARD METROPOLITAN AREAS: 1954

(In thousands of dollars)

Area and major industry group	Value added by manufacture		Value of inventories held by establishments with 10 employees or more								For establishments with 10 employees or more			
	For all establishments	For establishments with 10 employees or more	End of 1954				End of 1953				Expenditures for new plant and equipment			Expenditures for used plant and equipment
			Total inventories	Finished products	Work in process	Materials, supplies, etc.	Total inventories	Finished products	Work in process	Materials, supplies, etc.	Total	New structures and additions to plant	New machinery and equipment	
MAYAGUEZ STANDARD METROPOLITAN AREA														
All industries, total ¹	20,781	19,842	4,348	1,703	461	2,184	3,831	980	516	2,335	2,063	717	1,335	10
Food and kindred products.....	11,994	11,688	2,975	1,176	289	1,510	2,361	538	282	1,541	1,890	685	1,196	8
Tobacco manufactures.....	27	...	...	...	...	...	...	...	...	...	...	...	...	...
Apparel and related products.....	7,093	6,703	715	369	111	235	830	328	163	339	73	11	62	1
Furniture and fixtures.....	198	152	51	11	14	26	66	9	21	36	3	2	1	...
PONCE STANDARD METROPOLITAN AREA														
All industries, total ¹	18,793	18,149	11,112	2,183	3,160	5,769	10,422	1,483	2,670	6,269	2,041	529	1,474	37
Food and kindred products.....	8,247	8,067	7,308	1,502	2,167	3,639	7,470	940	2,100	4,430	1,230	328	872	30
Apparel and related products.....	1,641	1,568	224	34	53	137	140	17	40	83	39	2	34	4
Furniture and fixtures.....	451	407	145	37	23	85	129	28	30	71	24	5	16	3
Printing and publishing industries.....	179	135	20	...	...	20	26	...	...	26	4	...	4	...
Leather and leather products.....	1,025	1,025	581	188	89	304	349	25	86	238	66	40	26	...
Stone, clay, and glass products....	2,111	2,090	1,017	204	62	751	1,039	219	59	761	173	89	82	...
SAN JUAN STANDARD METROPOLITAN AREA														
All industries, total ¹	66,432	63,820	21,278	4,940	3,383	12,955	19,971	4,619	3,212	12,140	5,126	1,044	3,578	504
Food and kindred products.....	18,060	17,484	4,192	558	1,354	2,280	4,066	667	1,297	2,102	2,178	548	1,315	310
Tobacco manufactures.....	599	563	251	40	29	182	237	13	31	193	11	...	9	2
Textile mill products.....	460	416	121	46	23	52	143	43	42	58	(D)	(D)	(D)	(D)
Apparel and related products.....	11,097	10,787	3,269	1,097	535	1,637	2,746	939	496	1,311	243	77	151	14
Lumber and wood products (except furniture).....	1,299	1,234	379	70	28	281	399	69	33	297	53	26	27	...
Furniture and fixtures.....	3,219	2,897	1,265	308	253	704	952	215	250	487	110	29	82	...
Paper and allied products.....	1,253	1,194	661	45	6	610	547	19	5	523	180	5	152	23
Printing and publishing industries.....	3,955	3,708	561	8	1	552	593	9	1	583	122	2	67	53
Chemicals and allied products.....	5,711	5,394	2,666	696	81	1,889	2,734	746	84	1,904	277	91	107	81
Stone, clay, and glass products....	5,359	5,252	2,620	992	53	1,575	3,148	927	237	1,984	462	23	438	1
Fabricated metal products.....	3,208	3,009	1,435	355	189	891	1,023	214	117	692	555	58	491	8
Miscellaneous manufactures.....	5,626	5,480	2,511	616	484	1,411	1,791	521	279	991	426	47	373	5

... Represents zero.

D Withheld to avoid disclosure.

¹ Included in this total are figures for those major industry groups withheld to avoid disclosing figures for individual companies.

Table 5.--NUMBER OF ESTABLISHMENTS, BY YEAR ESTABLISHMENT BEGAN OPERATION, FOR MUNICIPALITIES: 1954

Municipality	All establishments	Year establishment began operations							
		Before 1949	1949	1950	1951	1952	1953	1954	Not reported
Northwest Coast.....	90	52	4	4	3	5	7	8	7
Aguada.....	5	3	...	...	1	...	1	...	...
Aguadilla.....	39	22	2	4	1	2	2	2	4
Añasco.....	4	3	...	...	...	...	...	...	1
Camuy.....	14	10	...	...	1	...	1	1	1
Hatillo.....	7	6	1	...	...	...	...	...	...
Isabela.....	8	2	...	...	...	1	2	3	...
Moca.....	1	...	1	...	...	...	...	...	...
Quebradillas.....	9	4	...	...	...	1	1	2	1
Rincón.....	3	2	...	...	...	1	...	...	...
North Central Coast.....	179	85	8	12	10	18	20	18	8
Arecibo.....	82	42	2	4	6	9	11	6	2
Barceloneta.....	9	3	...	...	1	1	2	2	...
Dorado.....	7	1	1	1	...	2	1	1	...
Manatí.....	32	19	...	4	2	1	2	4	...
Toa Alta.....	5	1	1	2	...	...	...	...	1
Toa Baja.....	13	7	2	1	...	1	...	1	1
Vega Alta.....	13	4	1	...	1	1	1	4	1
Vega Baja.....	18	8	1	...	...	3	3	...	3

... Represents zero.

Table 5.--NUMBER OF ESTABLISHMENTS, BY YEAR ESTABLISHMENT BEGAN OPERATION, FOR MUNICIPALITIES: 1954--Continued

Municipality	All establishments	Year establishment began operations							
		Before 1949	1949	1950	1951	1952	1953	1954	Not reported
Metropolitan San Juan.....	652	286	39	34	46	63	79	68	37
Bayamon.....	97	39	6	5	7	13	13	7	7
Carolina.....	31	6	2	...	2	2	8	5	6
Catano.....	12	4	...	1	2	1	...	4	...
Guaynabo.....	21	9	1	1	3	2	3	2	...
Rio Piedras.....	220	77	16	13	17	23	33	31	10
San Juan.....	268	151	13	14	15	21	22	18	14
Trujillo Alto.....	3	...	1	...	...	1	...	1	...
Northeast Coast.....	35	12	2	...	...	4	3	9	5
Culebra.....	...	...	...	...	...	...	...	...	...
Fajardo.....	12	3	1	...	...	3	1	3	1
Loiza.....	6	2	...	...	...	1	1	1	1
Luquillo.....	3	...	1	...	...	...	...	2	...
Rio Grande.....	9	5	...	...	...	...	1	2	1
Vieques.....	5	2	...	...	...	...	...	1	2
East Coast.....	40	21	...	1	2	2	6	3	5
Ceiba.....	...	...	...	...	...	...	...	...	...
Humacao.....	22	9	...	1	1	2	4	2	3
Maunabo.....	2	1	...	...	...	...	...	...	1
Naguabo.....	10	6	...	...	1	...	1	1	1
Yabucoa.....	6	5	...	...	...	...	1	...	...
Southeast Coast.....	94	46	...	1	6	8	8	10	15
Arroyo.....	7	3	...	...	...	...	1	2	1
Coamo.....	24	9	...	1	...	3	3	5	3
Guayama.....	24	16	...	...	2	1	1	2	2
Juana Diaz.....	12	4	...	...	3	1	1	1	2
Patillas.....	11	5	...	...	...	2	...	...	4
Salinas.....	6	3	...	...	...	1	1	...	1
Santa Isabel.....	5	3	...	...	1	...	...	...	1
Villalba.....	5	3	...	...	...	...	1	...	1
Metropolitan Ponce.....	169	95	7	8	10	16	11	10	12
Ponce.....	169	95	7	8	10	16	11	10	12
Southwest Coast.....	161	79	6	7	7	11	11	23	17
Cabo Rojo.....	39	18	2	2	4	4	2	5	2
Guanica.....	11	4	...	1	...	...	...	4	2
Guayanilla.....	7	6	...	...	...	...	...	1	...
Hormigueros.....	2	1	...	...	1	...	...	...	...
Lajas.....	11	8	1	...	...	...	1	...	1
Penuelas.....	4	...	...	...	...	3	1	...	...
Sabana Grande.....	15	4	2	...	...	1	1	1	6
San German.....	30	16	1	2	1	...	2	5	3
Yauco.....	42	22	...	2	1	3	4	7	3
Metropolitan Mayaguez.....	177	108	9	9	8	15	9	6	13
Mayaguez.....	177	108	9	9	8	15	9	6	13
West Central Highlands.....	76	44	1	3	3	6	6	4	9
Adjuntas.....	16	8	1	...	2	1	4	...	...
Ciales.....	9	7	...	...	...	1	...	...	1
Jayuya.....	5	2	...	...	...	...	...	3	...
Lares.....	7	6	...	...	...	...	...	...	1
Las Marias.....	1	1	...	...	...	...	...	...	...
Maricao.....	1	1	...	...	...	...	...	...	...
San Sebastian.....	19	11	...	1	1	3	...	1	2
Utua.....	18	8	...	2	...	1	2	...	5
East Central Highlands.....	101	42	4	7	6	7	12	13	10
Aguas Buenas.....	12	7	...	...	...	1	1	2	1
Aibonito.....	13	6	...	1	...	2	2	2	...
Barranquitas.....	5	1	...	...	...	...	...	2	2
Cayey.....	29	15	1	3	2	1	3	1	3
Cidra.....	8	...	...	...	1	2	2	3	...
Comerio.....	5	3	...	...	1	...	1	...	...
Corozal.....	11	6	1	1	1	1	1	...	...
Morovis.....	8	1	1	2	...	...	...	3	1
Naranjito.....	7	2	...	...	...	...	2	...	3
Orocovis.....	3	1	1	...	1	...	...	...	...
Caguas Valley.....	164	63	4	15	11	14	22	19	16
Caguas.....	89	40	2	9	5	9	11	9	4
Gurabo.....	10	1	1	...	3	1	2	1	1
Juncos.....	37	13	...	4	1	3	9	4	3
Las Piedras.....	6	3	...	...	...	1	...	2	...
San Lorenzo.....	22	6	1	2	2	...	...	3	8

... Represents zero.

TAX-EXEMPT INDUSTRIES

(51)

Table 1.--GENERAL STATISTICS FOR TAX-EXEMPT INDUSTRIES IN PUERTO RICO, BY MAJOR INDUSTRY GROUP: 1954

(Dollar figures in thousands. See Introduction for explanation of column captions)

Ind. code	Major industry group	Number of establishments	Number of proprietors and working partners	All employees		Production workers		Home-workers, wages	Value added by manufacture
				Number (average for year)	Salaries and wages, total	Number (average for year)	Salaries and wages, total		
	All industries, total.....	381	57	26,547	\$30,213	23,938	\$22,581	\$273	\$72,788
20	Food and kindred products.....	28	4	1,582	1,780	1,365	1,165	...	4,813
21	Tobacco manufactures.....	3	...	777	792	751	689	...	1,632
22	Textile mill products.....	31	(D)	2,708	3,222	2,458	2,634	1	8,436
23	Apparel and other fabricated textile products.....	93	13	9,616	8,426	8,930	7,136	76	16,878
24	Lumber and wood products (except furniture).....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	49	27	1,611	1,809	1,470	1,435	...	3,439
26	Paper and allied products.....	4	...	182	323	153	213	9	2,340
27	Printing and publishing industries.....	2	...	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	14	...	258	613	174	232	...	2,361
30	Rubber products.....	2	...	(D)	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.....	18	(D)	1,550	1,757	1,293	1,157	159	2,895
32	Stone, clay, and glass products.....	8	(D)	1,224	1,841	1,030	1,253	...	3,888
33	Primary metal industries.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	23	4	689	1,285	576	760	1	4,729
35	Machinery (except electrical).....	8	...	150	279	120	171	...	922
36	Electrical machinery.....	28	(D)	1,428	2,152	1,249	1,322	2	4,693
37	Transportation equipment.....	1	...	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	11	...	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufactures.....	55	4	3,537	4,088	3,283	3,118	25	11,895

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

Table 2.--VALUE OF SHIPMENTS AND MARKET FOR PRODUCTS OR SOURCE OF RECEIPTS, BY MAJOR INDUSTRY GROUP, FOR ALL ESTABLISHMENTS AND FOR TAX-EXEMPT ESTABLISHMENTS IN PUERTO RICO: 1954

(In thousands of dollars)

Ind. code	Major industry group	All establishments							Tax-exempt establishments						
		Total value of shipments (incl. resales)	Value of products sold and misc. receipts ¹	Contract receipts ²	Value of re-sales ³	Market for products or source of receipts			Total value of shipments (incl. resales)	Value of products sold and misc. receipts ¹	Contract receipts ²	Value of re-sales ³	Market for products or source of receipts		
						United States	Puerto Rico	Other countries					United States	Puerto Rico	Other countries
	All industries, total.....	481,133	448,260	23,067	9,806	254,804	219,426	6,903	142,651	129,558	11,747	1,346	103,487	35,142	4,028
20	Food and kindred products....	247,198	245,017	149	2,032	123,599	122,638	958	12,934	12,867	...	67	3,623	9,208	103
21	Tobacco manufactures ⁴	24,284	22,337	159	1,788	17,543	6,631	110	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	Textile mill products.....	18,769	16,579	1,119	1,071	16,490	2,264	13	18,286	16,154	1,119	1,013	16,361	1,920	5
23	Apparel and related products.	52,263	31,949	19,916	398	38,741	13,326	194	29,555	20,465	9,089	1	25,620	3,864	70
24	Lumber and wood products, except furniture.....	2,892	2,523	4	365	1,110	1,781	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	11,614	11,368	5	241	8	11,560	46	6,209	6,205	...	4	8	6,201	...
26	Paper and allied products....	6,396	6,368	...	28	1,882	4,243	272	3,893	3,865	...	28	1,882	1,740	272
27	Printing, publishing, and allied industries.....	7,079	6,994	1	84	289	6,788	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products	25,971	22,983	...	2,988	5,655	20,087	229	6,732	6,698	...	34	5,570	1,157	5
29	Petroleum and coal products..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...	...
30	Rubber products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.	6,700	6,426	262	12	6,154	532	16	6,260	6,001	247	12	5,839	412	11
32	Stone, clay, and glass products.....	20,089	20,036	...	53	2,331	15,265	2,492	5,765	5,765	...	...	1,117	3,338	1,310
33	Primary metal industries.....	647	555	92	...	452	128	67	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products....	11,112	10,979	19	114	4,029	6,355	729	8,261	8,177	...	84	3,877	3,699	686
35	Machinery, except electrical.	3,844	3,677	83	84	1,352	2,187	305	1,373	1,358	15	...	1,317	56	...
36	Electrical machinery.....	8,834	8,247	585	2	8,066	704	65	8,621	8,035	585	1	8,049	508	65
37	Transportation equipment.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	4,906	4,876	30	...	4,847	55	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufactures...	25,975	24,864	643	468	21,558	3,061	1,357	23,137	22,466	570	101	19,447	2,367	1,324

... Represents zero.

D Withheld to avoid disclosing figures for individual companies.

¹ Includes value of products shipped and receipts for miscellaneous activities such as repair work, sales of scrap, and installation of own products.² Receipts for work done for others on their materials.³ Sales of products bought and resold in the same condition.⁴ Excludes 252 small cigar manufacturing establishments with no paid employees and total shipments of \$346 thousand.

Table 3.--VALUE OF SHIPMENTS FOR TAX-EXEMPT ESTABLISHMENTS IN PUERTO RICO, BY PRODUCT GROUP: 1954

(In thousands of dollars)

Product	Value of shipments			Product	Value of shipments		
	Total	Value of products sold	Contract receipts		Total	Value of products sold	Contract receipts
All products, total.....	141,304	129,557	11,747	Chemicals and allied products.....	6,820	6,815	5
Food and kindred products.....	12,528	12,528	...	Leather and leather products.....	6,248	6,001	247
Textile mill products.....	17,263	16,144	1,119	Stone, clay, and glass products.....	5,758	5,758	...
Apparel and related products.....	29,437	20,430	9,007	Fabricated metal products.....	7,926	7,926	...
Lumber and wood products (except furniture).....	1,363	1,363	...	Machinery (except electrical).....	1,335	1,308	27
Furniture and fixtures.....	5,681	5,681	...	Electrical machinery.....	8,986	8,395	591
Paper and allied products.....	3,857	3,857	...	Miscellaneous manufactures.....	23,329	22,759	570
				All other products ¹	10,773	10,592	181

... Represents zero.

¹ Includes Tobacco manufactures, Printing and publishing, Rubber products, Primary metal products, Transportation equipment, and Instruments and related products.

Table 4.--NUMBER OF TAX-EXEMPT ESTABLISHMENTS IN PUERTO RICO, BY YEAR ESTABLISHMENT BEGAN OPERATIONS AND MAJOR INDUSTRY GROUP: 1954

Ind. code	Major industry group	All establishments	Number of tax-exempt establishments, by year establishment began operations							
			Before 1949	1949	1950	1951	1952	1953	1954	Not reported
	All industries, total.....	381	87	31	31	33	67	76	53	3
20	Food and kindred products.....	28	13	3	2	2	2	2	4	...
21	Tobacco manufactures.....	3	...	...	...	...	1	...	2	...
22	Textile mill products.....	31	4	6	1	4	7	6	3	...
23	Apparel and related products.....	93	15	8	5	7	19	24	15	...
24	Lumber and wood products (except furniture)...	2	1	...	...	...	...	1	...	...
25	Furniture and fixtures.....	49	29	5	3	2	4	5	...	1
26	Paper and allied products.....	4	...	1	...	1	...	1	1	...
27	Printing, publishing, and allied industries..	2	...	...	...	1	...	...	1	...
28	Chemicals and allied products.....	14	3	1	3	...	2	3	2	...
30	Rubber products.....	2	...	...	...	...	...	2	...	...
31	Leather and leather products.....	18	2	2	4	1	3	5	1	...
32	Stone, clay, and glass products.....	8	3	...	...	...	2	2	...	1
33	Primary metal industries.....	1	...	...	...	...	...	...	1	...
34	Fabricated metal products.....	23	4	...	2	3	6	2	6	...
35	Machinery (except electrical).....	8	...	...	...	...	3	2	3	...
36	Electrical machinery.....	28	...	...	4	3	6	11	3	1
37	Transportation equipment.....	1	...	...	...	...	1	...	...	...
38	Instruments and related products.....	11	...	1	...	4	2	1	3	...
39	Miscellaneous manufactures.....	55	13	4	7	5	9	9	8	...

... Represents zero.



APPENDIXES

(55)

1954 PUERTO RICO CENSUS OF MANUFACTURES

LEGISLATION AUTHORIZING CENSUS OF MANUFACTURES FOR PUERTO RICO

I. Law passed by legislature of Puerto Rico:

ACT NO. II

To authorize the taking of manufacturing and business censuses, and to fix penalties for the violation of this Act.

BE IT ENACTED BY THE LEGISLATURE OF PUERTO RICO:

Section 1. - The Governor of Puerto Rico shall, whenever he deems it of public advisability, direct that manufacturing and business censuses be taken in Puerto Rico; PROVIDED, That in the year 1950 there shall be taken censuses of this nature, which may include the operations carried out during the year 1949.

Section 2. - The Governor of Puerto Rico may execute agreements with the Bureau of the Census of the Department of Commerce of the United States, so that the said Bureau may have charge of the work of taking manufacturing and business censuses in Puerto Rico.

Section 3. - It shall be compulsory for any owner, officer, agent, manager or assistant of any company, business, institutions, establishment, or other organization of whom information is sought by officers or representatives of the officers of manufacturing and business censuses, to answer, correctly and in full, to his best knowledge and belief, all questions asked him through questionnaires prepared therefor, concerning his business or to statistics or records in his custody. Any person violating the provisions of this section by refusing to furnish any information requested shall be guilty of a misdemeanor and shall, upon conviction thereof be punished by a fine of not less than one hundred (100) dollars nor more than five hundred (500) dollars, or by imprisonment in jail for a term of not more than three (3) months, or by both penalties, in the discretion of the court; and any person violating the provisions of this section by knowingly furnishing false information, shall be punished by a fine of not more than five thousand (5,000) dollars, or by imprisonment in jail for a term of not more than twelve (12) months, or by both penalties, in the discretion of the court.

Section 4. - The information furnished here-under shall be used solely for the statistical purposes for which it was furnished.

Section 5. - Any supervisor, enumerator, clerk, or other person employed in taking manufacturing and business censuses who, without prior authorization publishes or divulges any information obtained by him in his capacity of employee of said census, shall be guilty of a felony and shall, upon conviction thereof, be punished by a fine of not more than five thousand (5,000) dollars or by imprisonment in the penitentiary for a term of not more than two (2) years, or by both penalties, in the discretion of the court; or if he should knowingly fill out a false questionnaire, he shall be guilty of a felony and shall, upon conviction thereof, be punished by a fine of not more than ten thousand (10,000) dollars or by imprisonment in the penitentiary for a term of not more than five (5) years, or by both penalties, in the discretion of the court; or if he should knowingly falsely swear to and/or affirm the truth of any statement made and/or signed by him under oath or affirmation in accordance with the provisions of this Act, he shall be guilty of perjury and shall, upon conviction thereof, be punished by a fine of not more than ten thousand (10,000) dollars, or by imprisonment in the penitentiary for a term of not more than five (5) years, or by both penalties, in the discretion of the court.

Section 6. - This act, being of an urgent and necessary character, shall take effect immediately after its approval.

Approved March 27, 1950

LEGISLATION AUTHORIZING 1949 CENSUS OF MANUFACTURES FOR PUERTO RICO

I. Law passed by legislature of Puerto Rico:

NUM. 11

L E Y

Para autorizar que se lleven a cabo en Puerto Rico censos de manufactura y negocios, y para fijar penalidades por las infracciones de esta ley.

DECRETASE POR LA ASAMBLEA LEGISLATIVA DE PUERTO RICO

Sección 1. - El Gobernador de Puerto Rico ordenará, cuando estime que así hacerlo es de conveniencia publica, que se lleven a cabo en Puerto Rico censos de manufactura y negocios; DISPONIENDOSE, que en el año 1950 se realizarán censos de esta naturaleza y estos podrán incluir las operaciones llevadas a cabo durante el año 1949.

Sección 2. - El Gobernador de Puerto Rico podrá formalizar acuerdos con el Negociado del Censo del Departamento de Comercio de los Estados Unidos para que sea este Negociado el que conduzca la labor de levantamiento de los censos de manufactura y negocios en Puerto Rico.

Sección 3. - Será obligación de cada dueño, oficial, agente, encargado o ayudante del encargado de cualquier compañía, negocio, institución, establecimiento o cualquier otra organización, que sea requerida de información por oficiales o representantes de los oficiales de los censos de manufactura y negocios, a contestar correctamente y en su totalidad, según su mejor conocimiento, todas las preguntas referentes a su negocio o a records o estadísticas bajo su custodia, que le sean formuladas a través de los cuestionarios preparados al efecto. Cualquier persona que viole las disposiciones de esta sección negándose a suministrar cualquier, información requerida, será considerada culpable de un delito menos grave (misdemeanor) y convicta que fuere se le impondrá una multa no menor de cien (100) dólares ni mayor de quinientos (500) dólares, o cárcel por un término que no excedera de tres (3) meses, o ambas penas a discreción del tribunal; y cualquier persona que viole las disposiciones de esta sección suministrando a sabiendas datos falsos será multada en no mas de cinco mil (5,000) dólares, o cárcel por un término que no exceda de doce (12) meses o ambas penas a discreción del tribunal.

Sección 4. - La información suministrada de acuerdo con las disposiciones de esta ley será usada únicamente, para los fines estadísticos para los cuales se suministró.

Sección 5. - Cualquier supervisor, enumerador, oficinista u otra persona empleada en el levantamiento de los censos de manufactura y negocios, que sin autorización previa publique o divulgue información obtenida por él a través de su condición de empleado en estos censos, será reo de un delito grave (felony) y convicto que fuere se le impondrá una multa no mayor de cinco mil (5,000) dólares o presidio por un término que no exceda de dos años, o ambas penas a discreción del tribunal; o si a sabiendas llenare un cuestionario ficticio será culpable de un delito grave (felony), y convicto que fuere se le impondrá una multa no mayor de diez mil (10,000) dólares o prisión por un término que no exceda de cinco (5) años, o ambas penas a discreción del tribunal; o si a sabiendas jurare y/o afirmare falsamente en cuanto a la veracidad de cualquier declaración hecha y/o suscrita por el bajo juramento o afirmación con arreglo a las disposiciones de esta Ley será culpable de perjurio, y convicto que fuere se le impondrá una multa que no exceda de diez mil (10,000) dólares, o presidio por un término que no exceda de cinco (5) años o ambas penas a discreción del tribunal.

Sección 6. - Esta Ley, por ser de carácter urgente y necesaria, empezará a regir inmediatamente después de su aprobación.

Aprobada en 27 de marzo de 1950

SECTIONS OF TITLE 13, UNITED STATES CODE, APPROVED AUGUST 31, 1954

Collection and Publication: Five-year Periods (131)

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses ... in the year 1954 and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof: Provided, That the censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades and service establishments, directed to be taken in the year 1954 relating to the year 1953, shall be taken instead in the year 1955 relating to the year 1954. The censuses provided for in this section shall include the United States and its Territories and such possessions as the Secretary may determine.

Failure to Answer Questions Affecting Companies, Businesses, Religious Bodies, and Other Organizations: False Answers (224)

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than \$500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000 or imprisoned not more than one year, or both.

Administrative
Bulletin No. 146

December 17, 1954

PROCLAMATION
BY THE GOVERNOR OF THE COMMONWEALTH
OF PUERTO RICO

Censuses of Business and Manufactures

WHEREAS, the Government of the Commonwealth of Puerto Rico is fostering a program of economic development, both commercial and industrial, for the purpose of creating new opportunities for employment and improving the standard of living of our people;

WHEREAS, it is in the interest of the people of Puerto Rico to take inventories of their commercial and industrial resources and determine periodically the levels of progress;

WHEREAS, the most recent information concerning the Censuses of Business and Manufactures, covering the years 1949 and 1952 respectively, does not reflect current business and industrial progress, thus making it necessary to bring such information up to date in order to assess properly the economic and social progress of the period;

WHEREAS, Act No. 11, approved March 27, 1950, provides that Censuses of Business and Manufactures be taken in Puerto Rico, whenever the Governor deems that they are in the public interest; the act also requiring that merchants and manufacturers answer all questions fully and faithfully and guaranteeing that the information supplied will be accorded confidential treatment and will be used for statistical purposes only;

NOW, THEREFORE, I, LUIS MUÑOZ MARIN, Governor of the Commonwealth of Puerto Rico, by virtue of the power vested in me by Law No. 11 of March 27, 1950, do hereby proclaim and ordain that Censuses of Business and Manufactures covering the calendar year 1954 be taken in Puerto Rico; and I designate the United States Bureau of the Census and Puerto Rico Planning Board to fulfill the provisions of the aforementioned Law and of the Proclamation.

IN WITNESS THEREOF, I have hereunto set my hand and caused the Great Seal of the Commonwealth of Puerto Rico to be affixed. Done at the City of San Juan this 17th day of December, 1954.

(Sgd.) Luis Muñoz Marin

Governor

Foletín Administrativo
Núm. 146

San Juan, P. R.
17 de diciembre de 1954

P R O C L A M A

DEL GOBERNADOR DEL ESTADO LIBRE ASOCIADO
DE PUERTO RICOCenso de Negocios y de Manufacturas

POR CUANTO, el Gobierno del Estado Libre Asociado de Puerto Rico está propulsando un programa de desarrollo económico, mercantil e industrial con el propósito de crear nuevas oportunidades de trabajo y mejorar los niveles de vida de nuestro pueblo;

POR CUANTO, conviene a los intereses generales del pueblo de Puerto Rico levantar inventarios de sus recursos comerciales e industriales y determinar periódicamente sus niveles de progreso;

POR CUANTO, la información más reciente sobre Censos de Negocios y Manufacturas correspondiente a los años 1949 y 1952 respectivamente, no refleja los niveles de progreso comercial e industrial alcanzados durante los últimos años, y se hace necesario actualizar la información para ponerla a tono con el avance social y económico logrado;

POR CUANTO, la Ley Núm. 11 aprobada en marzo 27 de 1950 dispone que se lleven a cabo en Puerto Rico censos de manufacturas y negocios cuando el Gobernador estime que así hacerlo es de conveniencia pública; y dispone, además, que los establecimientos comerciales y manufactureros deben llenar cabal y fielmente los cuestionarios necesarios, garantizándoseles en la misma Ley que la información que suministren será de carácter confidencial y solamente será usada para fines de tabulación estadística.

POR TANTO, YO, LUIS MUÑOZ MARIN, Gobernador del Estado Libre Asociado de Puerto Rico, a virtud de los poderes que confiere la dicha Ley Núm. 11 de marzo 27 de 1950, por la presente proclamo y ordeno que se lleven a cabo en Puerto Rico Censos de Negocios y Manufacturas para el año natural 1954; y designo a la Junta de Planificación para que en cooperación con el Negociado del Censo de Estados Unidos lleve a cabo dichos censos para darle cumplimiento a la Ley de referencia y a las disposiciones de la presente proclama.

EN TESTIMONIO DE LO CUAL, firmo la presente y hago estampar en ella el Gran Sello del Estado Libre Asociado de Puerto Rico, en la Ciudad de San Juan, hoy día 17 de diciembre, A. D., mil novecientos cincuenta y cuatro.

(Fdo.)
LUIS MUÑOZ MARIN
Gobernador

1954 PUERTO RICO CENSUS OF MANUFACTURES

APPENDIX B

REPORT FORM PR-MC 100

Form approved: Budget Bureau No. 41-54297.

FORM PR-MC 100 U. S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS <h2 style="text-align: center;">1954 CENSUS OF MANUFACTURES</h2> <h3 style="text-align: center;">PUERTO RICO</h3>		CONFIDENTIAL —This report should be returned within 30 days of its receipt . This report is required both by an Act of the Congress of the United States (13 U. S. C. 131) and an Act of the Legislature of Puerto Rico (No. 11 of March 27, 1950). Your report is accorded confidential treatment and cannot be used for purposes of taxation, investigation, or regulation. (Please correct any errors in name and address)																																																																
CENSUS USE ONLY																																																																		
Plant number	Municipality	City or rural	Industry	T. E.	V. A.	7/o	c/o	T. S.																																																										
a	h	c	d	e	f	g	h	i																																																										
ITEM 1 NAME OF ESTABLISHMENT Factory, plant, or mill covered by this report:		ITEM 4 COMPANY AFFILIATION a. Does this company (identified by the number given in Item 3) own or control any other establishments? <input type="checkbox"/> Yes <input type="checkbox"/> No b. If "Yes," give name and address of each:																																																																
ITEM 2 LOCATION OF ESTABLISHMENT Give actual physical location of this establishment (which may differ from business mailing address). a. Street and number _____ b. City, town, or village _____ c. Barrio _____ d. Municipality _____ e. Is this establishment within the actual boundaries of a city, town, or village? <input type="checkbox"/> Yes <input type="checkbox"/> No f. If "No," enter name or number of road and kilometer location _____		ITEM 5 FORM OF OWNERSHIP Check one: (1) <input type="checkbox"/> Individual proprietor (2) <input type="checkbox"/> Partnership (x) <input type="checkbox"/> Corporation (Do not include any form of cooperative association) (y) <input type="checkbox"/> Cooperative association (corporate or noncorporate producer-cooperative and cooperative marketing associations) (o) <input type="checkbox"/> Other (Specify) _____																																																																
ITEM 3 FED. SOCIAL SECURITY EMPLOYER IDENTIFICATION NUMBER Federal Social Security Employer Identification Number. (Enter number as reported on Form 941, Item 6, on latest employer's quarterly tax return under the Federal Insurance Contributions Act)		ITEM 6 CHANGE IN STATUS OR OWNERSHIP a. When were manufacturing operations begun in this establishment? <input type="checkbox"/> Before 1949 Year (if 1949 or later) _____ b. If there has been any change in the status or ownership of this establishment during 1954, check the appropriate box and complete report for part of 1954 you operated this plant: (1) <input type="checkbox"/> Purchased by you on _____ (date) (2) <input type="checkbox"/> Sold by you on _____ (date) (3) <input type="checkbox"/> Went out of business (no new owner) on _____ (date) Give name and address of former owner (if box (1) is checked) or purchaser (if box (2) is checked): _____																																																																
ITEM 7 MONTHLY PRODUCTION Was this establishment performing some manufacturing operations all (or part) of each month of the calendar year or fiscal year which this report covers? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," check the months in which some manufacturing production occurred:		ITEM 8 NUMBER OF EMPLOYEES IN 1954 Number of employees (excluding homeworkers) in selected pay periods of 1954 (See "Class of employee" in Item 9 for definitions)																																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Month</td> <td style="width: 10%;">Check</td> <td style="width: 25%;">Month</td> <td style="width: 10%;">Check</td> </tr> <tr> <td>January</td> <td> </td> <td>July</td> <td> </td> </tr> <tr> <td>February</td> <td> </td> <td>August</td> <td> </td> </tr> <tr> <td>March</td> <td> </td> <td>September</td> <td> </td> </tr> <tr> <td>April</td> <td> </td> <td>October</td> <td> </td> </tr> <tr> <td>May</td> <td> </td> <td>November</td> <td> </td> </tr> <tr> <td>June</td> <td> </td> <td>December</td> <td> </td> </tr> </table>		Month	Check	Month	Check	January		July		February		August		March		September		April		October		May		November		June		December		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Pay period ended nearest 15th of—</th> <th style="width: 15%;">Production workers (excluding homeworkers) (A)</th> <th style="width: 15%;">All other employees (excluding homeworkers) (B)</th> <th style="width: 15%;">Total employees (excluding homeworkers) (C)</th> <th style="width: 15%;">Working partners (D)</th> </tr> <tr> <td>a. January</td> <td style="text-align: center;">B1</td> <td> </td> <td style="text-align: center;">B5</td> <td> </td> </tr> <tr> <td>b. March</td> <td style="text-align: center;">B2</td> <td> </td> <td style="text-align: center;">B6</td> <td> </td> </tr> <tr> <td>c. July</td> <td style="text-align: center;">B3</td> <td> </td> <td style="text-align: center;">B7</td> <td> </td> </tr> <tr> <td>d. October</td> <td style="text-align: center;">B4</td> <td> </td> <td style="text-align: center;">B8</td> <td> </td> </tr> <tr> <td>e. Sum of lines a through d</td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>f. Average employment (line e divided by 4)</td> <td style="text-align: center;">A2</td> <td style="text-align: center;">A3</td> <td style="text-align: center;">A4</td> <td style="text-align: center;">A5</td> </tr> </table>		Pay period ended nearest 15th of—	Production workers (excluding homeworkers) (A)	All other employees (excluding homeworkers) (B)	Total employees (excluding homeworkers) (C)	Working partners (D)	a. January	B1		B5		b. March	B2		B6		c. July	B3		B7		d. October	B4		B8		e. Sum of lines a through d					f. Average employment (line e divided by 4)	A2	A3	A4	A5
Month	Check	Month	Check																																																															
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APPENDIX B

63

REPORT FORM PR-MC 100--Continued

ITEM 9 TOTAL 1954 PAYROLLS		Total 1954 payroll (wages, salaries, bonuses, commis- sions, and other remunerations paid in entire year, before deductions) (omit cents)	ITEM 10 SELECTED MANUFACTURING COSTS DURING 1954		Item	Cost (omit cents)
Class of employee						
I. FACTORY EMPLOYEES					a. Materials, parts, containers, and supplies consumed. Include all raw materials, such as sugar cane, yarn cloth; all parts and components, such as buttons, zippers; all containers, such as sacks, cartons, cans; and all supplies, such as needles, lubricants, nails.....	B9
a. Production and related workers		A6				\$
b. All other employees (excluding working partners)					b. Cost of products bought and resold in same condition as purchased.....	B10
		\$				\$
c. Total employees (excluding homeworkers) (Sum of a and b).....		A7			c. Fuels consumed. Include fuel oil, coal, purchased electricity, gas, etc.....	B11
		\$				\$
II. WORKING PARTNERS		A8			d. Cost of work done for you by others on your own materials (contract work by contractors). Do not include payments to homeworkers reported in Item 9III....	B12
Partners actively engaged in plant operations, either as production or nonproduction workers.....		\$				\$
III. HOME-WORKERS					e. TOTAL (Sum of a, b, c, and d).....	B13
Workers at home whose wages are paid directly by this establishment. Exclude payments to contractors which should be reported in Item 10d.....		\$				\$
IV. TOTAL PAYROLL FOR THIS ESTABLISHMENT (Sum of Ic, II, and III).....		A9				\$
		\$				
ITEM 11						
Enter below on line 19 the total receipts from products shipped or services sold by this establishment during 1954. Account for all of the receipts of this establishment.						
In column (A) describe in the proper section (a or b) the principal products made or processed in this establishment. For each such product, enter the information requested in Columns (B), (C), and (D). Use one line for each product. If you need more space, use the "Remarks" section.						
PRODUCTS SOLD AND SERVICES OF THIS ESTABLISHMENT DURING 1954						
Description of products		Line no.	Unit of measure	Total sales and interplant transfers		CENSUS USE ONLY
(A)			(B)	Quantity	Value f. o. b. plant EXCLUDE EXCISE TAXES (omit cents) (D)	(E)
a. Products made in this establishment		1			\$	
		2			\$	
		3			\$	
		4			\$	
		5			\$	
		6			\$	
		7			\$	
		8			\$	
		9			\$	
		10			\$	
b. Contract work		11			\$	
Receipts for work done for others on their own materials (contract work). Describe products worked on and kind of work:		12			\$	
		13			\$	
		14			\$	
		15			\$	
		16			\$	
c. Miscellaneous receipts		17			\$	
Receipts for repair work, installation (or construction) of own products, and sale of scrap and refuse.....		18			\$	
d. Resales		19			\$	
Sales of products bought and resold without further manufacture, processing, or assembly in this establishment.....						A10
e. Total (Sum of lines 1-18).....					\$	
FOR CENSUS USE ONLY		A11	A12	A13	A14* C1	

Please continue form and sign certification on reverse.

(OVER)

1954 PUERTO RICO CENSUS OF MANUFACTURES

REPORT FORM PR-MC 100--Continued

Form PR-MC 100

ITEM 12 DESTINATION OF SALES AND SOURCE OF RECEIPTS	Area	Value of sales EXCLUDE EXCISE TAXES (omit cents)	Contract receipts (omit cents)	CENSUS USE ONLY
a. United States.....		\$	\$	B14
b. Foreign countries.....		\$	\$	B15
c. Puerto Rico:				B16*
(1) Wholesalers and retailers.....		\$		
(2) Others.....		\$	\$	
d. TOTAL (Sum of a, b, and c).....		\$	\$	

ITEM 13 SOURCE OF SUPPLY AND MANUFACTURING PROCESS	a. Name the principal materials used in the articles manufactured at this establishment and indicate (by a check mark for each) the place from which the principal supply was shipped to you.		Principal source of supply		
	Name of material		Puerto Rico	United States	Other
b. Describe briefly the principal processes used in producing the articles listed in Item 11, being especially careful to indicate whether machine or hand processes are used.					

ITEM 14 CONTRACTORS OR PRINCIPALS	a. If you reported payments for contract work in Item 10 (d), list the names and addresses of the persons or firms to which these payments were made:	
	Name	Address
b. If you reported receipts for contract work in Item 11 (b), list the names and addresses of the persons or firms from which these payments were received:		
	Name	Address

ANSWER THE FOLLOWING ITEMS IF YOUR AVERAGE EMPLOYMENT (ITEM 8F COLUMN C) IS GREATER THAN 6 EMPLOYEES

ITEM 15 INVENTORIES OF THIS ESTABLISHMENT	Kind of inventory	Beginning of 1954 (omit cents)	End of 1954 (omit cents)	ITEM 16 CAPITAL EXPENDITURES DURING 1954 (Exclude expenditures for land)	(Report expenditures which are chargeable to fixed asset accounts for which depreciation accounts are maintained. Do not report the total value of existing capital assets.) During 1954, did you make any expenditures for this establishment of the kind described above? <input type="checkbox"/> Yes <input type="checkbox"/> No. If "Yes," supply figures:	
					Type of capital expenditures (excluding land)	Expenditures (omit cents)
C2-		C3	C4			C9
a. Inventories of finished products.....		\$	\$		a. New structures and additions to plant (including major alterations, capitalized repairs, and improvements).....	\$
b. Inventories of work-in-process.....		\$	\$		b. New machinery and equipment (including capitalized repairs and improvements).....	\$
c. Inventories of materials, supplies, fuel, etc.....		\$	\$		c. Expenditures for used plant and used equipment acquired from others.....	\$
d. TOTAL INVENTORIES (Sum of a, b, and c).....		\$	\$		d. TOTAL CAPITAL EXPENDITURES (Sum of a, b, and c).....	\$

65

REPORT FORM PR-MC 100--Continued

ITEM 17 GENERATION OF ELECTRIC ENERGY	Did you generate any electric energy in this establishment in 1954? <input type="checkbox"/> Yes <input type="checkbox"/> No																												
	If "Yes":																												
	a. Was it AC or DC? <input type="checkbox"/> AC <input type="checkbox"/> DC																												
	b. How many kilowatt hours were generated?.....				Number																								
	c. How many kilowatt hours were sold to others?.....																												
d. What is the Kva capacity of your generating equipment?.....																													
Remarks																													
<p>ITEM 18 CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT</p> <p>The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report:</p> <p>(1) Review the report carefully to see that no item is omitted. (2) Copy the figures requested in Columns I and II below; analyze your results in Column III below. (3) Correct your report for any errors you find; explain unusual figures in "Remarks" section.</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th style="width: 20%;">Copy in Column I the figures reported in—</th> <th style="width: 15%;">Column I</th> <th style="width: 20%;">Copy in Column II the figures reported in—</th> <th style="width: 15%;">Column II</th> <th style="width: 20%;">Divide Column I by Column II; show results in Column III</th> <th style="width: 10%;">Column III</th> </tr> </thead> <tbody> <tr> <td>Item 9Ic (Total factory wages).....</td> <td>\$</td> <td>Item 8f, Col. (C) (Average factory employment).....</td> <td></td> <td>Average annual earnings per factory employee.....</td> <td>\$</td> </tr> <tr> <td>Item 9IV (Total salaries and wages).....</td> <td>\$</td> <td>Item 11e, Col. (D) (Value of shipments).....</td> <td>\$</td> <td>Salaries and wages per dollar of shipments.....</td> <td>\$.</td> </tr> <tr> <td>Item 10e (Total cost of materials, etc.).....</td> <td>\$</td> <td>Item 11e, Col. (D) (Value of shipments).....</td> <td>\$</td> <td>Materials cost per dollar of shipments.....</td> <td>\$.</td> </tr> </tbody> </table>						Copy in Column I the figures reported in—	Column I	Copy in Column II the figures reported in—	Column II	Divide Column I by Column II; show results in Column III	Column III	Item 9Ic (Total factory wages).....	\$	Item 8f, Col. (C) (Average factory employment).....		Average annual earnings per factory employee.....	\$	Item 9IV (Total salaries and wages).....	\$	Item 11e, Col. (D) (Value of shipments).....	\$	Salaries and wages per dollar of shipments.....	\$.	Item 10e (Total cost of materials, etc.).....	\$	Item 11e, Col. (D) (Value of shipments).....	\$	Materials cost per dollar of shipments.....	\$.
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ITEM 19 Name and address of person who should be contacted if questions arise regarding this report					Telephone number																								
ITEM 20 CERTIFICATION This report is substantially accurate and covers the period from _____ to _____ <div style="display: flex; justify-content: space-between;"> Date Title Signature of authorized person </div>																													
ITEM 21 The Puerto Rico Economic Development Administration proposes to publish a directory of establishments, indicating the kind of business or industry in which each is engaged and the kind of products made. In order that your firm may be included, please sign the following statement: <p style="margin-left: 40px;">"I agree to the use of name, address, and product information for this firm for directory purposes."</p> <div style="display: flex; justify-content: space-between;"> _____ Name _____ Title </div> <p>(If you do not agree, please omit signature and check this box: <input type="checkbox"/>)</p>																													

1954 PUERTO RICO CENSUS OF MANUFACTURES

REPORT FORM PR-MC 100-S

Form approved: Budget Bureau No. 41-54297

FORMA
PR-MC 100-SDEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS
NEGOCIADO DEL CENSO

CENSO DE MANUFACTURAS—1954

PUERTO RICO

PARA USO DE LA OFICINA

Plant number	Municipal- pality	City or rural	Industry	T. E.	V. A.	y/o	c/o	T. S.
a	b	c	d	e	f	g	h	j

CONFIDENCIAL—Este informe deberá ser cumplimentado y devuelto dentro de 30 días a partir de la fecha de recibo. Su información es requerida por una Ley del Congreso de los Estados Unidos (13 U. S. C. 131) y una Ley de la Legislatura de Puerto Rico (Núm. 11 del 27 de marzo de 1950). Los datos suministrados por usted se considerarán estrictamente confidenciales bajo las disposiciones de la ley y no podrán usarse para propósitos de impuestos, investigación o reglamentación.

(Tenga la bondad de corregir cualquier error en el nombre y dirección.)

PARA LLENAR ESTE FORMULARIO CONSULTE LAS INSTRUCCIONES QUE SE INCLUYEN

APARTADO 1 NOMBRE DEL ESTABLECIMIENTO	Fábrica, planta o molino para el cual se informa: _____		APARTADO 4 AFILIACION DE LA COMPAÑIA	a. ¿Posee o controla esta compañía (identificada por el número de patrono anotado en el "APARTADO 3") algún otro establecimiento manufacturero? <input type="checkbox"/> Sí <input type="checkbox"/> No b. Si posee o controla algún otro, indique los nombres y direcciones de los mismos: _____ _____ _____																																																																
APARTADO 2 LOCALIZACION DEL ESTABLECIMIENTO	Anote la localización física del establecimiento (la cual puede diferir de la dirección postal comercial). a. Calle y número _____ b. Ciudad, pueblo o aldea _____ c. Barrio _____ d. Municipio _____ e. ¿Está este establecimiento localizado dentro de los límites de una ciudad, pueblo o aldea? <input type="checkbox"/> Sí <input type="checkbox"/> No f. Si "No," anote el nombre o número de la carretera o camino y el kilómetro en que está localizado: _____		APARTADO 5 TIPO DE DOMINIO	Marque uno: (1) <input type="checkbox"/> Propietario individual (2) <input type="checkbox"/> Sociedad (x) <input type="checkbox"/> Corporación (v) <input type="checkbox"/> Asociación cooperativa (o) <input type="checkbox"/> Otra (especifique) _____																																																																
APARTADO 3 NUMERO DE PATRONO DE SEGURO SOCIAL FEDERAL	Número de identificación de patrono para Seguro Social Federal. (Anote el número indicado en el apartado 6 de la Forma 941 PR—"DECLARACION TRIMESTRAL FEDERAL DE LA CONTRIBUCION DEL PATRONO"—sometido en el último trimestre _____) Número																																																																			
APARTADO 6 CAMBIO DE ESTADO O POSESION	a. ¿Cuándo empezó la operación manufacturera en este establecimiento? <input type="checkbox"/> Antes de 1949. Año (si en 1949 6 después) _____ b. Si hubo cambio en el estado o posesión del establecimiento durante el 1954, marque el encasillado apropiado y complete el informe para la parte del 1954 en que usted operó el establecimiento. (1) <input type="checkbox"/> Comprado por usted en _____ (fecha) (2) <input type="checkbox"/> Vendido por usted en _____ (fecha) (3) <input type="checkbox"/> Negocio liquidado en _____ (fecha) Indique el nombre y la dirección del propietario anterior (si el encasillado (1) fué marcado) o del comprador (si el encasillado (2) fué marcado): _____ _____																																																																			
APARTADO 7 PRODUCCION MENSUAL	¿Llevó a cabo este establecimiento alguna operación manufacturera todos los meses o parte de cada mes del año 1954? <input type="checkbox"/> Sí <input type="checkbox"/> No Si "No", marque los meses en que hubo alguna producción manufacturera: <table border="1"> <thead> <tr> <th>Mes</th> <th>Marque</th> <th>Mes</th> <th>Marque</th> </tr> </thead> <tbody> <tr> <td>enero</td> <td></td> <td>julio</td> <td></td> </tr> <tr> <td>febrero</td> <td></td> <td>agosto</td> <td></td> </tr> <tr> <td>marzo</td> <td></td> <td>septiembre</td> <td></td> </tr> <tr> <td>abril</td> <td></td> <td>octubre</td> <td></td> </tr> <tr> <td>mayo</td> <td></td> <td>noviembre</td> <td></td> </tr> <tr> <td>junio</td> <td></td> <td>diciembre</td> <td></td> </tr> </tbody> </table>		Mes	Marque	Mes	Marque	enero		julio		febrero		agosto		marzo		septiembre		abril		octubre		mayo		noviembre		junio		diciembre		APARTADO 8 NUMERO DE EMPLEADOS EN 1954	Número de empleados (excluyendo trabajadores a domicilio) en períodos escogidos de 1954 (Vea "Descripción de la clase de empleado" en el APARTADO 9) <table border="1"> <thead> <tr> <th>Período de pago que terminó el día más cerca del 15 de—</th> <th>Trabajadores de producción (Excluye trabajadores a domicilio) (A)</th> <th>Todos los otros empleados (Excluye trabajadores a domicilio) (B)</th> <th>Total de empleados (Excluye trabajadores a domicilio) (C)</th> <th>Socios que trabajan (D)</th> </tr> </thead> <tbody> <tr> <td>a. enero</td> <td>B1</td> <td></td> <td>B5</td> <td></td> </tr> <tr> <td>b. marzo</td> <td>B2</td> <td></td> <td>B6</td> <td></td> </tr> <tr> <td>c. julio</td> <td>B3</td> <td></td> <td>B7</td> <td></td> </tr> <tr> <td>d. octubre</td> <td>B4</td> <td></td> <td>B8</td> <td></td> </tr> <tr> <td>e. suma de a, b, c y d</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>f. promedio de empleados (línea e dividida entre 4)</td> <td>A2</td> <td>A3</td> <td>A4</td> <td>A5</td> </tr> </tbody> </table>		Período de pago que terminó el día más cerca del 15 de—	Trabajadores de producción (Excluye trabajadores a domicilio) (A)	Todos los otros empleados (Excluye trabajadores a domicilio) (B)	Total de empleados (Excluye trabajadores a domicilio) (C)	Socios que trabajan (D)	a. enero	B1		B5		b. marzo	B2		B6		c. julio	B3		B7		d. octubre	B4		B8		e. suma de a, b, c y d					f. promedio de empleados (línea e dividida entre 4)	A2	A3	A4	A5
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REPORT FORM PR-MC 100-S--Continued

APARTADO 9		Descripción de la clase de empleado		Número total 1954 (jornales, salarios, bonos, comisiones y otras remuneraciones pagadas por todo el año, antes de hacer deducciones) (omita centavos)	APARTADO 10		Descripción del costo		Costo (omita centavos)
NDMINA TDIAL EN 1954					ALGUNOS COSTOS ESPECIFICOS DE MANUFAC- TURA DURANTE EL 1954				B9
I. EMPLEADOS DE FABRICA							a. Materiales, piezas, envases, y efectos consumidos en 1954. Incluya materias primas como caña de azúcar, tela, piezas y partes como botones, zippers; envases como sacos, cartones, lata; y efectos como agujas, lubricantes, clavos.		\$
a. Obreros de producción y otros relacionados con producción		Obreros (incluyendo aprendices) y capataces ocupados en la fabricación, elaboración, montaje, inspección, recibo, almacenamiento, manejo, empaque, embarque (pero no entrega), mantenimiento, reparación; servicios de celadores y conserjes; desarrollo y fomento de productos; producción auxiliar para uso en la fábrica (e. g. planta de energía); y otros servicios asociados con estas operaciones de producción. Excluya empleados de supervisión sobre el nivel de capataz.		A6					B10
				\$					\$
b. Todos los otros empleados (excluyendo socios empleados)		Empleados del establecimiento o firma que incluyen: aquellos supervisores de fábrica sobre el nivel de capataz, vendedores, personal ocupado en entrega, anueños, crédito y cobros, en instalación y prestación de servicios, en funciones de oficina, y ejecutivos, profesionales y técnicos.		A7					B11
				\$					\$
c. Total empleados (excluyendo trabajadores a domicilio) (Suma de a y b)				A8					B12
II. SOCIOS QUE TRABAJAN		Socios que están realmente empleados en la empresa que reciben sueldo de la sociedad.		\$					\$
III. TRABAJADORES A DOMICILIO		Trabajadores a domicilio cuyos jornales son pagados directamente por este establecimiento. No incluya pagos hechos a subcontratistas los cuales deberán ser informados en el APARTADO 10d.		A9					B13
				\$					\$
IV. NDMINA TOTAL (Suma de Ic, II y III)				\$			e. Total (suma de a, b, c, y d)		\$
APARTADO 11		Añote abajo en la línea 19 el total de ingresos por productos vendidos y servicios de este establecimiento durante el 1954. Considere todos los ingresos. En la Columna A y en la sección apropiada (a ó b), describa los productos principales hechos o preparados en este establecimiento. Para cada producto añote la información requerida en las Columnas B, C, y D. Use una sola línea para cada producto. Si necesita más espacio, use la sección para "COMENTARIOS".							
INGRESOS POR PRODUCTOS VENDIDOS, SERVICIOS PRESTADOS Y OTROS EN 1954									
		Descripción de los productos e ingresos		Línea Núm.	Total de ventas y transferencias entre plantas			NO USE ESTA COLUMNA	
		(A)			Unidad de medida (B)	Cantidad (C)	Valor f. o. b. fábrica EXCLUYA ARBITRIOS (omita centavos) (D)	(E)	
a. Productos hechos en este establecimiento				1			\$		
				2			\$		
				3			\$		
				4			\$		
				5			\$		
				6			\$		
				7			\$		
				8			\$		
				9			\$		
				10			\$		
b. Labor por Contrato		Ingresos por trabajo hecho para otros con materiales poseídos por ellos (labor por contrato). Describa los productos y clase de trabajo hecho.		11			\$		
				12			\$		
				13			\$		
				14			\$		
				15			\$		
				16			\$		
c. Ingresos Misceláneos		Ingresos por trabajo de reparación, instalación (ó montura) de los artículos producidos, y venta de desperdicios y rezagos.		17			\$		
d. Reventas		Venta de productos comprados y revendidos sin elaboración, manufactura, o montaje adicional en este establecimiento.		18			\$		
								A10	
e. Total (Suma de las líneas 1 a 18)				19			\$		
PARA USO DE LA OFICINA		A11		A12		A13		A14* C1	

Continúe al dorso y firme certificación

(AL DORSO)

1954 PUERTO RICO CENSUS OF MANUFACTURES

REPORT FORM PR-MC 100-S--Continued

APARTADO 17 PRODUCCION DE ENERGIA ELECTRICA	¿Produjo usted energía eléctrica en este establecimiento en 1954? <input type="checkbox"/> Sí <input type="checkbox"/> No Si la produjo: a. ¿Fue corriente alterna? <input type="checkbox"/> o directa? <input type="checkbox"/> (Marque)					
						Número
	b. ¿Cuántos kilovatios hora generó?.....					
	c. ¿Cuántos kilovatios hora vendió a otros?.....					
	d. ¿Cuál es la capacidad Kva generadora de su equipo?.....					
Comentarios						
APARTADO 18 COTEJO PARA ASEGURARSE DE QUE EL INFORME ESTA COMPLETO Y EXACTO	El Negociado del Censo habrá de revisar su informe para determinar omisiones, contradicciones, etc. Para reducir al mínimo cualquier posibilidad de causarle molestias adicionales después de sometido este informe, tenga la bondad de hacer el siguiente cotejo antes de enviar éste: (1) Revise el informe cuidadosamente para asegurarse que no ha habido omisiones (donde no tenga que suministrar información porque no aplique a su operación anote "nada"). (2) Copie las cifras requeridas en las columnas I y II abajo; analice los resultados en la columna III abajo. (3) Corrija en su informe cualquier error que encuentre; explique en el apartado para "COMENTARIOS" cualquier inconsistencia o cifra que en el análisis que sigue parezca incorrecta.					
	Copie en la Columna I la cifra informada en—	Columna I	Copie en la Columna II la cifra informada en—	Columna II	Divida Columna I por Columna II y anote los resultados en Columna III	Columna III
	Apartado 9Ic Nómina total de empleados de fábrica.....	\$.....	Apartado 8f, Col. (C) · (Promedio de empleados).....	\$.....	Ingreso promedio anual por trabajadores de fábrica.....	\$.....
	Apartado 9IV Nómina total en 1954.....	\$.....	Apartado 11e, Col. (D) (Total ingresos).....	\$.....	Sueldos y jornales por dólar de ventas.....	\$.....
	Apartado 10e (Total de costos de material).....	\$.....	Apartado 11c, Col. (D) (Total ingresos).....	\$.....	Costo de materiales por dólar de ventas.....	\$.....
APARTADO 19	Nombre y dirección de la persona que puede contestar cualquier pregunta que surja en relación con este informe: Nombre _____ Dirección _____ Teléfono _____					
APARTADO 20 CERTIFICACION	Este informe es sustancialmente completo y correcto y cubre el período de _____ a _____ _____ (Fecha) (Título) (Firma de la persona autorizada)					
APARTADO 21	La Administración de Fomento Económico de Puerto Rico se propone publicar un directorio de establecimientos indicando la clase de negocio o industria en que cada uno opera así como la clase de artículos producidos. De manera que su empresa pueda ser incluida en ese directorio, tenga la bondad de firmar la siguiente declaración: "Estoy de acuerdo con que se use el nombre y dirección de mi empresa así como una descripción de los productos elaborados para el propósito de publicación en el directorio." _____ (Firma) (Título) (Si no está de acuerdo, omita la firma y marque esta casilla: <input type="checkbox"/>)					

APPENDIX B
REPORT FORM PR-MC 100-S--Continued

69

Forma PR-MC 100-S

APARTADO 12 LUGAR A QUE FUERON HECHAS LAS VENTAS POR FUENTE DE INGRESO	Lugar	Valor de las ventas EXCLUYA ARBITRIOS (omita centavos)	Ingresos por labor contratada (omita centavos)	NO USE ESTA COLUMNA
a. Estados Unidos.....		\$	\$	B-14
b. Países extranjeros.....		\$	\$	B-15
c. Puerto Rico:				B-16*
(1) Mayoristas y detallistas.....		\$		
(2) Otros.....		\$	\$	
d. TOTAL (suma de a, b, y c).....		\$	\$	

APARTADO 13 LUGAR DE ABASTO DE LOS MATERIALES PRINCIPALES Y PROCESO MANUFACTURERO	a. Anote los materiales principales que usa en los artículos manufacturados en este establecimiento e indique (con una marca) el lugar de donde el principal abasto le fué entregado.			
	Nombre del material	Lugar principal de abasto		
		Puerto Rico	Estados Unidos	Otros
	b. Describa brevemente los procesos principales usados en la producción de los artículos anotados en el "APARTADO 11", teniendo especial cuidado en indicar si el proceso es a mano o a máquina.			

APARTADO 14 CONTRATISTAS Y FIRMAS PRINCIPALES	a. Si informó cantidad pagada por labor contratada en el APARTADO 10 (d), indique los nombres y direcciones de las personas o firmas a quienes hizo los pagos:	
	Nombre	Dirección
	b. Si informó ingresos por labor contratada en su calidad de contratista en el APARTADO 11 (b), indique los nombres y direcciones de las personas o firmas de quienes recibió los pagos:	
	Nombre	Dirección

LENE LOS SIGUIENTES APARTADOS SI SU PROMEDIO DE EMPLEADOS (APARTADO 8F COL. C) ES MAYOR DE SEIS

APARTADO 15 VALOR DE LOS INVENTARIOS	Clase de inventario	A principio de 1954 (omita centavos)	Al final de 1954 (omita centavos)	APARTADO 16 INVERSIONES DE CAPITAL EN 1954	(Informe inversiones que en su contabilidad sean cargadas a la cuenta de activo fijo y para las cuales se mantiene una cuenta de depreciación. No incluya la inversión en activo fijo hecha antes de 1954. Excluya cualquier inversión en terrenos.) Durante el 1954, ¿hizo usted alguna inversión de capital para este establecimiento de la clase descrita arriba? <input type="checkbox"/> Sí <input type="checkbox"/> No. Si la hizo indique las cantidades por tipo de inversión:
	C2-	C3	C4		
	a. Inventario de productos terminados.....	\$	\$		Tipo de inversión capital (excluya terrenos)
		C5	C6		Cantidad invertida (omita centavos)
	b. Inventario de productos en preparación.....	\$	\$		a. Nuevas estructuras y adiciones a la planta (incluyendo alteraciones mayores, reparaciones capitalizadas y mejoras).....
					C9
	c. Inventario de materiales, efectos, envases, combustibles, etc.....	\$	\$		b. Nueva maquinaria y equipo (incluyendo reparaciones capitalizadas y mejoras).....
		C7	C8		C10
	d. Total de inventarios (Suma de a, b, y c).....	\$	\$		c. Gastos para equipo y planta usada adquiridos de otros.....
					C11
					d. Total de inversión capital (suma de a, b, y c).....
					C12*

INSTRUCTIONS FOR PREPARING FORM

CENSUS OF MANUFACTURES, PUERTO RICO, 1954

GENERAL INSTRUCTIONS TO MANUFACTURERS
FOR PREPARING REPORTSINTRODUCTION

Please complete and return the enclosed form to the Bureau of the Census office shown on the enclosed envelope not later than 30 days after you receive it. A separate report is required for each manufacturing establishment. If you owned more than one manufacturing establishment in 1954 but have received a report form for only one place, list each establishment in the "Remarks" section of the report. Then return this form using the enclosed envelope and you will be sent the appropriate number of report forms for completion.

Please read all instructions and fill in all items (with the exception of item 15, 16, and 17, if not applicable). Enter "None" or "0" (zero) when applicable to any item and explain, if necessary, in the "Remarks" section.

This report should cover the calendar year 1954. If your book records are not on a calendar-year basis, carefully prepared estimates for this period will be accepted. If this procedure will involve you in considerable additional costs, your fiscal year figures will be accepted provided six months or more of the year 1954 are included in your fiscal year coverage. However, all employment (item 8) and payroll (item 9) figures should relate to the calendar year rather than the fiscal year.

The dates given in the certification should show the exact period for which this report is made. Thus, if an establishment began to operate or ceased to operate within the year, the dates will show that part of the year covered by the report. Complete the report only for that part of the year 1954 in which you operated the establishment.

Each report should cover all of the production activities (manufacturing, fabricating, processing, and assembling) conducted within the establishment. It should also include activities such as maintenance of plant and equipment, receiving, shipping, warehousing, storage, research, record keeping, health, safety, cafeteria, and other services, when carried on at the same physical location by the manufacturing establishment. The report should exclude sales branches, sales offices, power plants, retail stores, and general administrative offices, if they are operated as separate establishments. Separate Census reports should be submitted for each of these establishments.

INSTRUCTIONS FOR PREPARING FORM--CONTINUED

ITEMS ON THE REPORT FORM

Item 1. Names of Establishment (Factory, Plant, or Mill). - Enter the name under which the establishment covered by this report does business. If it is one of several establishments doing business under the same name, also give the name or number by which it is distinguished from other establishments of the same company. For example: "ABC Sugar Company, Guaynabo Refinery."

Item 2. (See instructions on Form).

Item 3. (See instructions on Form).

Item 4. Company Affiliation. - A separate report must be submitted for each establishment listed in part "b".

Item 5. (See instructions on Form).

Item 6. Change in Status or Ownership. - If box (3) is checked indicate in the "Remarks" section the disposition of the plant, i.e., unoccupied, demolished, dismantled, etc.

Item 7. (See instructions on Form).

Item 8. Number of Employees in 1954. - Report employees at this establishment who worked or received pay for any part of the pay period (preferably 1 week) ended nearest the 15th of the months specified on the report form. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods. If employment in any one of these pay periods was unusually low because of a strike or for some other reason, state the reason in the "Remarks" section of the form.

Item 9. Total 1954 Payrolls. - Report the gross earnings paid in the calendar year 1954 to employees on the payroll of this establishment including commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' Social Security contributions, group insurance, union dues, and savings bonds. (You may follow the definition of salaries and wages that is used for calculating Social Security deductions.)

Item 10. Selected Manufacturing Costs. - "Cost" refers to direct charges actually paid or payable after discounts, but including freight charges and other direct charges incurred in acquiring the materials. For materials, parts, etc. transferred from other establishments of this company, report the nearest approximation to their commercial cost value.

Item 10a. Include items received prior to 1954 if they were consumed during the year, but do not include items received in 1954 if they were not consumed. If your records do not show the actual amounts consumed but purchases closely approximate consumption, purchase figures may be used.

INSTRUCTIONS FOR PREPARING FORM--CONTINUED

Report the total delivered cost of all raw materials, semi-finished goods, parts, components, containers, scrap, and supplies consumed or put into production during 1954 by this establishment. Include cost of materials and supplies used in maintenance and repair of your plant and equipment.

Item 10b. Give the cost of all products bought and resold in the same condition as when purchased and not made part of another product manufactured by this establishment.

Item 10c. Report the total amount actually paid or payable during 1954 for all fuels consumed for heat and power. Do not include purchased fuel used as raw materials, for example, coal used in making coke. Do not include value of fuel produced in your establishment, e.g. bagasse or self-produced electricity.

Item 10d. If any work was done by others on materials furnished by your establishment, report the total 1954 payments made for such work, including freight out and in. Exclude the cost of materials worked on which should be included in Item 10a.

Item 11. Products Sold and Services of this Establishment During 1954. - Report separately each product made. Do not combine product lines.

Products should be as specific as possible; for example, do not state "men's clothing" if it is possible to specify the exact garment; show "beer" separately from "carbonated beverages"; etc. The unit of measure should be one most commonly used in the industry: ton, gallon, barrel, dozen, etc. The unit of measure should be specified if a standard unit is used for the product; it may be omitted, for instance, in the case of "wooden household furniture."

Total Sales and Interplant Transfers (columns (c) and (d)). Sales should represent net selling value, f.o.b. plant, after discounts and allowances and should not include freight charges or excise taxes. Transfers of products to other plants of the same company should be included at the nearest approximation to commercial selling value, f.o.b. plant. Values in column (D) should include all sales and receipts - products sold (including interplant transfers of products made) in lines 1 to 10; contract work receipts in lines 11 to 16; miscellaneous receipts in line 17; and resales of products in the same condition as purchased in line 18 (the cost of these products should be reported in Item 10b.)

Item 12. Report the ultimate destination of the goods, if known. Otherwise, report the location of the person or firm to which the products were shipped or sold. The "value of sales" total on line d of this item should equal the sum of the entries in lines 1 through 10 of item 11, column D. The "contract receipts" total on line d of this item should equal the sum of the entries in lines 11 through 16 of item 11, column D.

INSTRUCTIONS FOR PREPARING FORM--CONTINUED

Item 13. (See instructions on Form.)

Item 14. (See instructions on Form.)

Item 15. Inventories of this Establishment. - Report the value of all inventories wherever located, for the account of the establishment. Include goods owned by you but held by others. Do not include goods held by you but owned by others. Inventories should be reported at approximate current costs, if feasible; otherwise at book values.

Item 16. (See instructions on Form.)

Item 17. (See instructions on Form.)

Item 18. (See instructions on Form.)

INSTRUCTIONS FOR PREPARING FORM

CENSO DE MANUFACTURAS - 1954

PUERTO RICO

INSTRUCCIONES GENERALES
A LOS INDUSTRIALES PARA LLENAR LOS FORMULARIOSINTRODUCCION

Tenga la bondad de cumplimentar el formulario que se incluye y devolverlo a la "Oficina del Negociado del Censo" en el sobre con dirección adjunto no más tarde de 30 días después de recibido por usted. Se requiere un informe por separado para cada establecimiento manufacturero. Si usted operó más de un establecimiento manufacturero en 1954 pero ha recibido sólo un formulario, anote el nombre de cada establecimiento en la sección para "Comentarios" de dicho formulario y devuélvalo en el sobre con dirección adjunto de manera que le podamos enviar de nuevo el número correspondiente de formularios para llenar.

Lea cuidadosamente todas las instrucciones y complete todos los apartados (con la excepción de los APARTADOS 15, 16 y 17 si no le corresponden). Anote "nada" ó "0" (cero) donde sea aplicable y si es necesario, explique en el APARTADO para "COMENTARIOS".

Este informe debe cubrir el año calendario 1954. Si su sistema de contabilidad no se ajusta al año calendario, se aceptarán estimados que sean cuidadosamente preparados para el año 1954. Si la preparación de estos estimados envuelve una gran cantidad de labor y costo, se aceptarán las cifras para su año económico si por lo menos seis (6) meses del 1954 están incluidos. Sin embargo, todas las cifras de empleo (APARTADO 8) y nómina (APARTADO 9) deberán corresponder al año calendario 1954.

Las fechas anotadas en la "CERTIFICACION" (APARTADO 20) deben indicar el período exacto para el cual se preparó este informe. De manera que si el establecimiento empezó a operar o dejó de operar durante el 1954, estas fechas deberán cubrir la parte del año para la cual se informa. Debe informar únicamente para la parte del año 1954 en que usted operó el establecimiento.

Cada informe debe cubrir todas las actividades de producción (manufactura, fabricación, elaboración, montaje) que se lleven a cabo en el establecimiento y también las actividades de mantenimiento de planta y equipo, recibo, embarque, almacenaje, investigación, contabilidad, salud, seguridad, cafetería y otros servicios cuando son llevados a cabo en el mismo local por el establecimiento manufacturero.

INSTRUCTIONS FOR PREPARING FORM--CONTINUED

Cuando se operen como establecimientos separados, el informe debe excluir las sucursales y oficinas de ventas, plantas de energía, negocios al detall y oficinas administrativas generales. Tales establecimientos informarán para el "Censo de Negocios".

APARTADOS EN EL FORMULARIO

APARTADO 1 - NOMBRE DEL ESTABLECIMIENTO (Factoría, Planta o Molino). Anote el nombre bajo el cual hace negocios el establecimiento cubierto por este informe. Si éste es uno de varios establecimientos que operan bajo la misma firma, indique también el nombre o número que lo distinga de las otras factorías, plantas, etc. de la misma compañía. Por ejemplo: Compañía Azucarera Occidental - Central Susúa.

APARTADO 2 - (Vea las instrucciones en el formulario.)

APARTADO 3 - (Vea las instrucciones en el formulario.)

APARTADO 4 - AFILIACION DE LA COMPAÑIA. Un informe separado deberá ser cumplimentado para cada establecimiento indicado en la parte (b) de este apartado.

APARTADO 5 - (Vea las instrucciones en el formulario.)

APARTADO 6 - CAMBIOS EN ESTADO O POSESION. Si marca el encasillado (3) indique en "COMENTARIOS" la disposición de la planta - desocupada, demolida, desmantelada, etc.

APARTADO 7 - (Vea las instrucciones en el formulario.)

APARTADO 8 - NUMERO DE EMPLEADOS EN 1954. Informe el número de empleados en este establecimiento que trabajaron o recibieron paga durante cualquier parte del período de pago (preferiblemente una semana) que terminó lo más cerca del día 15 de los meses especificados en el formulario. Incluya todas las personas que estaban en vacación anual, en vacación por enfermedad o cualquier otra vacación pagada. Si el número de empleados en algunos de esos períodos fué anormalmente bajo por razones de huelga, falta de materiales, etc., indique la razón en la sección para "COMENTARIOS".

APARTADO 9 - NOMINA TOTAL EN 1954. Informe el total de pagos hechos durante el año 1954 a los empleados en las nóminas de este establecimiento incluyendo comisiones, bonificaciones, vacaciones pagadas, pagos por separación del trabajo, y cualesquiera otras compensaciones en especie y antes de hacer deducciones tales como Seguro Social, Cruz Azul, Cuotas de Unión y bonos de los Estados Unidos. (Puede usar la definición de sueldos y jornales que se usa para calcular las deducciones para Seguro Social Federal.)

INSTRUCTIONS FOR PREPARING FORM--CONTINUED

APARTADO 10 - ALGUNOS COSTOS ESPECIFICOS DE MANUFACTURA. "Costo" se refiere a cargos efectivamente pagados o pagaderos después de hechos los descuentos, pero incluyendo costos de transportación y otros costos directos incurridos al adquirir los materiales y efectos. El costo de los materiales, efectos, etc. adquiridos por transferencia de otras plantas de la misma compañía, deberá calcularse lo más aproximadamente posible al valor en el mercado.

APARTADO 10a - Incluya el costo de materiales, efectos, etc., adquiridos antes de 1954 pero usados durante este año. No incluya materiales comprados en 1954 que no fueron usados. Si su contabilidad no provee la información de costo de materiales consumidos pero sus compras se aproximan al consumo, puede informar las cifras según las compras.

Informe el costo total (entregado en la planta) de todas las materias primas, artículos semi-elaborados, piezas, componentes, envases, efectos, etc. consumidos o incorporados en la producción durante el 1954 por este establecimiento. Incluya el costo de materiales y efectos usados en el mantenimiento y reparación de su planta y equipo.

APARTADO 10b - Informe el costo de todos los productos o artículos comprados y revendidos en la misma condición en que se adquirieron y sin formar parte de otro producto o artículo fabricado en este establecimiento.

APARTADO 10c - Informe el total efectivamente pagado o pagadero durante el 1954 por combustibles y fuerza.

APARTADO 10d - Si alguna labor fué hecha por otros en materiales suplidos por su establecimiento, informe el total pagado en 1954 por esa labor incluyendo gastos de flete de ida y vuelta. Excluya el costo de los materiales trabajados el cual deberá informarse en el "apartado 10a".

APARTADO 11 - INGRESOS POR PRODUCTOS VENDIDOS, . . . etc. Informe separadamente en las líneas 1-10, ó 11-16 cada producto o artículo hecho. No combine artículos de líneas de productos.

Los nombres de los productos deben ser lo más específicos posible; por ejemplo, no anote "ropa para caballero" si le es posible indicar exactamente qué clase de ropa (camisas, pantalones, etc.); si es "cerveza" indíquela por separado, no incluída como "bebidas gaseosas"; etc. La unidad de medida deberá ser la que más comúnmente se use en la industria, por ejemplo: tonelada, galón, barril, docena, etc. y deberá ser anotada si se usa una unidad de medida uniforme para el producto; se podrá omitir en casos en que el producto sea por piezas como por ejemplo, "muebles de madera".

Columnas (C) y (D) - Total de Ventas y Transferencias Entre Plantas. Las ventas totales deben representar el valor neto, f.o.b. planta, después de los descuentos y concesiones, y no deben incluir cargos de flete ni los arbitrios. Las transferencias de productos o artículos manufacturados a otras plantas de la misma compañía deben incluirse indicando su valor más aproximado de venta f.o.b. planta. Los valores

INSTRUCTIONS FOR PREPARING FORM--CONTINUED

en la columna (D) deben incluir todas las ventas e ingresos - productos vendidos (incluyendo transferencias entre plantas de productos hechos) en las líneas 1-10; ingresos por labor realizada por contrato en las líneas 11-16; ingresos misceláneos en la línea 17; y reventa de productos en la misma condición en que se adquirieron en la línea 18 (el costo de estos productos debe informarse en el "APARTADO 10b").

APARTADO 12 - El lugar al que fueron hechas las ventas debe ser el último lugar de destino, pero si no lo sabe, informe con respecto al lugar inmediato a que se enviaron o vendieron los productos. El total del "valor de las ventas" en la línea d de este apartado debe ser igual a la suma de las cifras de las líneas 1 a 10 del apartado 11, columna D. El total de los "ingresos por labor contratada" en la línea d de este apartado debe ser igual a la suma de las cifras de las líneas 11 a 16 del apartado 11, columna D.

APARTADO 13 - (Vea las instrucciones en el formulario.)

APARTADO 14 - (Vea las instrucciones en el formulario.)

APARTADO 15 - INVENTARIOS EN ESTE ESTABLECIMIENTO. Informe el valor de todos los inventarios almacenados por cuenta de este establecimiento no importa donde estén localizados. Incluya materiales, artículos, efectos, etc., pertenecientes al establecimiento pero en manos de otros. No incluya los bienes en su poder pero que pertenezcan a otros. Los inventarios deben valorizarse aproximadamente a precios corrientes del mercado si es posible; si no al valor en los libros.

APARTADOS 16, 17 y 18 - (Vea las instrucciones en el formulario.)

1954 PUERTO RICO CENSUS OF MANUFACTURES
APPENDIX C

LISTA DE LAS INDUSTRIAS QUE APARECEN EN LAS TABLAS

Clave de Industria	Industrias y Grupos de Industrias	Clave de Industria	Industrias y Grupos de Industrias	Clave de Industria	Industrias y Grupos de Industrias
20	Todas las industrias, total	236	Ropa exterior para niños	29	Productos de petróleo y carbón
2013	Alimentos y productos análogos	2361	Trajes para niños y bebés	2951	Mezclas y bloques para pavimentación
202	Embutidos y otras preparaciones de carnes	2369	Ropa exterior infantil, no clasificada anteriormente	2992	Aceites y grasas lubricantes, no producidos en refinerías de petróleo
2022	Productos de lechería	2371	Artículos de vestir hechos de piel	30	Productos de goma
2024	Queso natural	238	Artículos y accesorios misceláneos de vestir	3021	Calzado de goma
2025	Mantecados y helados	2381	Quantos de vestir de tela y de tela y piel combinados	3099	Productos de goma, no clasificados anteriormente
2026	Productos especiales de lechería	2382	Quantos de trabajo de tela y de tela y piel combinados	31	Cuero y artículos de cuero
203	Pasteurización y embotellado de leche líquida	2387	Carteras de tela	3111	Tenerías
2031	Enlatado, conservación y congelación	2388	Cinturones	314	Calzado (excepto de goma)
2033	Mariscos enlatados	239	Productos textiles misceláneos	3141	Calzado (excepto chinelas)
2035	Enlatado y conservación (excepto mariscos)	2391	Cortinas y cortinajes	3142	Chinelas
2037	Frutas y vegetales en salmuera	2392	Artículos para el hogar, no clasificados anteriormente	3152	Guantes y mitones de trabajo hechos de cuero
2042	Congelación de frutas, jugos de frutas y vegetales	2393	Artículos de lana	3161	Maletas, baules y artículos análogos
205	Alimento para animales	2394	Adornos, estampados artísticos, y trabajos finos de aguja	317	Carteras y artículos pequeños de cuero
2051	Productos de panadería y repostería	2396	Bordados (excepto en máquina de aguja "Schiffli")	3171	Carteras y bolsos de mujer
2052	Pan y otros productos de harina	2399	Otros artículos textiles, no clasificados anteriormente	3172	Artículos pequeños de cuero
206	Galletas y pretzels (rosquillas)	24	Madera y sus productos (excepto muebles)	32	Productos de piedra, barro, y cristal
2061	Azúcar	2421	Aserraderos y cepilladeros, general	322	Artículos de cristal
2062	Refinado de azúcar	2431	Puertas, ventanas y persianas	3221	Envases de cristal
207	Confites y productos análogos	244	Envases de madera	3229	Artículos de cristal, no clasificados anteriormente
2071	Bombones y confites	2441	Cestos para frutas y vegetales	3231	Artículos de cristal comprado
2072	Chocolate y productos de cocoa	2442	Artículos de "ratan", bambú o bejuco (excepto muebles y cestos para frutas y vegetales)	3241	Cemento Portland
2073	Goma de masear	2444	Cajas de madera (excepto para cigarrillos)	325	Materiales de construcción hechos de barro
208	Bebidas	2499	Otros productos de madera, no clasificados anteriormente	3251	Ladrillos y tejas de barro
2081	Gaseosas y aguas carbonatadas	25	Muebles y enseres	3253	Losetas para pisos y paredes
2082	Cerveza y otros licores de malta	251	Muebles para el hogar	3259	Materiales de construcción de barro, no clasificados anteriormente
2084	Vinos y brandy	2511	Muebles de madera (excepto los tapizados)	326	Alfarería y productos análogos
2085	Licores destilados, rectificados y mezclados (excepto brandy)	2512	Muebles para el hogar, tapizados	3262	Utensilios de loza vidriosa
209	Preparaciones alimenticias misceláneas	2513	Muebles de bejuco, ratán, o bambú	3263	Artículos de loza fina (vajillas y utensilios de cocina)
2092	Manteca y aceites de cocinar	2514	Muebles de metal	3269	Productos de alfarería, no clasificados anteriormente
2095	Extractos y siropes para dar sabor	2515	Colchones y alambres para camas	327	Cal y productos de concreto
2097	Hielo	2519	Muebles para el hogar, no clasificados anteriormente	3271	Productos de concreto
2098	Pastas alimenticias	2521	Muebles de madera para oficinas	3274	Cal
2099	Alimentos no clasificados anteriormente	2531	Muebles para edificios públicos y similares	3281	Piedra tallada y artículos de piedra
21	Productos de Tabaco	2541	Muebles fijos para oficinas y tiendas	329	Productos minerales no metálicos misceláneos
2121	Cigarros	256	Marcos con tela metálica, cortinas y persianas	3292	Productos de asbestos
2131	Tabaco para mascar y fumar	2561	Marcos con tela metálica para ventanas y puertas	3295	Minerales: pulidos o tratados
2141	Despallado y secado de tabaco	2563	Persianas venecianas	3298	Estatuaria y artículos artísticos
22	Productos textiles	26	Papel y productos análogos	33	Industrias de metales primarios
2221	Fabricas de hilazas	2612	Fabricas de papel y cartón (excepto papel y cartón para construcciones)	331	Hornos y fundiciones de acero
2231	Generos de doce pulgadas o más de ancho (algodón, seda y fibras sintéticas)	2613	Papel y cartón para construcciones	3311	Altos hornos
225	Fabricas de generos de punto	2661	Sacos de papel	3312	Fabricas de acero y talleres de laminación
2251	Medias	2671	Cajas de cartón	332	Fundiciones de hierro y acero
2252	Medias sin costura	2691	Corte de papel y cartón y fabricación de cartulina	3321	Fundiciones de hierro gris
2253	Ropa exterior de punto	27	Industrias gráficas y análogas	3322	Fundiciones de hierro maleable
2255	Guantes de punto	2711	Periodicos (diarios)	3361	Fundiciones de metales no ferrosos
2256	Generos de punto	2721	Revistas	3399	Industrias de metales primarios, no clasificadas anteriormente
2261	Tenido y acabado de tejidos (excepto de lana, estambre, o punto)	2751	Impresos comerciales	34	Productos de metal
227	Tapices, alfombras y productos análogos	2761	Litografías	3411	Envases de latón y otra hojalatería
2271	Tapices y alfombras de lana	278	Encuadernación e industrias análogas	342	Cubiertos, herramientas de mano y ferretería
2273	Tapices y alfombras, no clasificados anteriormente	2781	Encuadernación	3421	Cubiertos, cuchillos, y otros instrumentos cortantes
228	Sombreros (excepto de tela y efectos)	2782	Fabricación y rayado de libretas y libros	3429	Ferretería, no clasificada anteriormente
2282	Sombreros y armazones de fieltro de lana	279	Servicios para las imprentas	3439	Aparatos para calentar y cocinar, no clasificados anteriormente
2283	Sombreros de paja	2791	Composición de tipos	344	Productos de metal para construcciones
229	Artículos textiles misceláneos	2793	Fotografiado	3441	Acero para construcciones y trabajo ornamental en metal
2294	Transformación de desechos y fibras recuperadas	28	Productos químicos y análogos	3442	Puertas, bastidores y guarniciones de metal
2298	Cordon y sogas	2819	Productos químicos inorgánicos, no clasificados anteriormente	3444	Artículos hechos de planchas de metal
23	Ropas y productos análogos	282	Productos químicos orgánicos para fines industriales	3468	Enchapado y pulido de metales
2311	Trajes completos, chaquetas y abrigos masculinos	2823	Materiales plásticos (excepto goma sintética)	3471	Accesorios eléctricos
232	Artículos de vestir para hombres y niños	2825	Fibras sintéticas	348	Productos de alambre
2321	Camisas (excepto de trabajo) y ropa de dormir masculina	283	Drogas y medicinas	3481	Clavos y pernos
2322	Ropa interior masculina	2831	Productos biológicos	3489	Artículos de alambre, no clasificados anteriormente
2323	Corbatas, bufandas y accesorios análogos	2833	Productos químicos medicinales	349	Productos misceláneos de metal
2325	Sombreros y gorras de tela	2834	Preparaciones farmacéuticas	3493	Muelles de acero
2327	Pantalones (excepto de trabajo)	2841	Jabón y glicerina	3494	Pestillos, tuercas, zapatas y remaches
2328	Camisas de trabajo	2851	Pinturas y barnices	3495	Piezas para máquinas de roscas
2329	Ropa masculina, no clasificada anteriormente	2872	Abonos químicos (mezcla únicamente)	3499	Artículos de metal no clasificados anteriormente
233	Ropa exterior para señoras y señoritas	2884	Aceites vegetales, no clasificados anteriormente	35	Maquinaria (excepto eléctrica)
2331	Blusas y corpiños	289	Productos químicos misceláneos	3522	Maquinaria agrícola (excepto tractores)
2333	Trajes	2892	Aceites esenciales (malagueta)	3543	Piezas para maquinaria y herramientas de precisión
2334	Ropa de casa	2893	Perfumes, cosméticos y otras preparaciones de tocador	355	Maquinaria para industrias especiales, no clasificada anteriormente
2337	Trajes sastre, faldas y abrigos (excepto de pieles)	2896	Gases comprimidos, líquidos y sólidos	3551	Maquinaria de productos alimenticios
2338	Bufandas y accesorios femeninos análogos	2897	Insecticidas y fungicidas	3553	Maquinaria para ebanistería
2339	Ropa exterior femenina, no clasificada anteriormente	2898	Sal	3566	Equipo de transmisión de potencia y mecánica
234	Ropa interior para señoras y niños	2899	Productos químicos, no clasificados anteriormente		
2341	Ropa interior para señoras y niños				
2342	Corses y artículos análogos				

LISTA DE LAS INDUSTRIAS QUE APARECEN EN LAS TABLAS—Continuado

Clave de Industria	Industrias y Grupos de Industrias	Clave de Industria	Industrias y Grupos de Industrias	Clave de Industria	Industrias y Grupos de Industrias
358	Maquinaria de servicio y para el hogar	3691	Baterías	394	Juguetes y artículos deportivos
3585	Maquinaria de refrigeración	3699	Artículos eléctricos, no clasificados anteriormente	3941	Juegos y juguetes, no clasificados anteriormente
3589	Maquinas de servicio y para el hogar, no clasificadas anteriormente			3942	Muecas
		37	Equipo de transporte	3949	Efectos deportivos y atléticos
359	Piezas misceláneas para maquinas			395	Materiales para oficinas
3591	Valvulas y ajustes, excepto de plomería	371	Vehículos de motor y equipo	3951	Plumas y lapices mecanicos
3593	Cojinetes de bola y de rodillos	3713	Cajas de camiones y guaguas	3953	Sellos de mano y estarcidos
3599	Talleres de reparación mecánica	3714	Piezas y accesorios para vehículos de motor		
		3799	Equipo de transporte, no clasificado anteriormente	396	Prendas de fantasía, botones y artículos misceláneos
36	Maquinaria eléctrica			3961	Prendas de fantasía
361	Aparatos transmisores, generadores, y distribuidores eléctricos para fines industriales	38	Instrumentos y productos relacionados	3962	Flores artificiales
3611	Equipo y efectos para instalaciones eléctricas	3811	Instrumentos científicos	3963	Botones
3613	Instrumentos para indicar, medir y grabar cantidades y características eléctricas	3821	Instrumentos mecánicos para medir	3964	Agujas, alfileres, broches y cierre de cremallera
3614	Motores y generadores			3971	Productos plásticos, no clasificados anteriormente
3616	Commutadores, cuadros de distribución y controles eléctricos	384	Instrumentos de abastecimientos médicos y quirúrgicos		
3619	Equipo industrial eléctrico no clasificado anteriormente	3841	Instrumentos médicos y quirúrgicos	398-399	Manufacturas misceláneas
		3842	Aparatos y equipo quirúrgico	3981	Escobas, cepillos y brochas
3621	Aparatos eléctricos			3984	Velas
3641	Equipo eléctrico para maquinaria	3851	Efectos oftálmicos	3985	Fuegos artificiales y pirotecnia
3651	Lámparas eléctricas	3861	Equipo fotográfico	3988	Efectos fúnebres
366	Equipo de comunicación	39	Industrias manufactureras misceláneas	3993	Letreros y anuncios comerciales (no impresos)
3661	Radios y otros aparatos relacionados	391	Joyería y piezas de plata	3994	Productos de pelo
3662	Tubos electrónicos	3911	Joyería (metales preciosos)	3995	Paraguas, sombrillas y bastones
3663	Discos fonográficos	3912	Abastecimientos y materiales para joyeros	3996	Pipas de fumar
		3913	Trabajo lapidario	3999	Productos misceláneos, no clasificados anteriormente
369	Productos eléctricos misceláneos				

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